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**HARNDEN SEED CO.**  
**505 Walnut St.**  
**KANSAS CITY, MO.**

Vegetable Seed Trials

D. N. Shoemaker

JAN 23 1930

# HARNDEN SEED CO.

OFFICE AND STORE

505 Walnut Street

Telephone {MA-1618  
MA-1619

1886---1930

44th YEAR

KANSAS CITY, MO.

## GENERAL SUGGESTIONS TO CUSTOMERS

Please do not ask questions on Order Sheet, but kindly write them and all communications requiring an answer on a separate sheet of paper and inclose with your order. Be sure that your Full Name and Address are on both Letter and Order. If you have a neighbor who would like to have our Catalogue send us his name and it will be mailed at once.

**ORDER EARLY**—It will be a great convenience both to our customers and to ourselves if orders are sent us early. We aim to fill orders the same day received, but during the rush season this is not always possible—thus the advantage in ordering early.

**NAME, ADDRESS, ETC.**—When ordering, give name and full address. Many orders reach us every season in which the name or postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

**MARKET GARDENERS**—We number among our customers many market gardeners and other users of large quantities of seeds. Those desiring to purchase greater amounts than those quoted in our catalogue will find it to their advantage to send us a complete itemized list of their requirements, and we will be pleased to name a special net price on the order.

**HOW TO SEND MONEY**—Money can be sent safely either by Post Office Money Order, Bank Draft, Express Order or by Registered Letter. If your orders amounts

to \$1.00 or more it is best to send by above method. We will also take postage stamps up to and including \$1.00; however, if it is more convenient and you have a banking account **WE WILL ACCEPT YOUR PERSONAL CHECK.** We realize in some instances this will save considerable time and will be much more convenient to many of our customers.

**DISCLAIMER**—So many different conditions may arise regarding the germination or growth of seeds, bulbs or plants, such as planting too shallow or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule by all seedsmen, viz: The Harnden Seed Company, while it exercises great care in the selection of its seeds, gives no warranty, expressed or implied, as to description, purity, productiveness of any seeds, bulbs or shrubs it sends out and will not in any way guarantee them or be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

THE HARNDEN SEED CO.

## SEEDS AND SUPPLIES BY MAIL

Garden and Flower Seeds priced by the packet, ounce, one-fourth pound and one pound are postpaid. Onion Sets, Grass and Field Seeds and Sundry Articles are not postpaid unless so marked. In ordering one-pound lot, add ten cents per pound for postage and packing, and on larger quantities apply parcel post charges.

### DOMESTIC PARCEL POST RATES

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S.

	First Pound or Fraction	Each Additional Pound or Fraction
First Zone, Kansas City and within 50 miles of Kansas City.....	7c	1c
Second Zone, within 50 to 150 miles.....	7c	1c
Third Zone, within 150 to 300 miles.....	8c	2c
Fourth Zone, within 300 to 600 miles.....	8c	4c
Fifth Zone, within 600 to 1000 miles.....	9c	6c
Sixth Zone, within 1000 to 1400 miles.....	10c	8c
Seventh Zone, 1400 to 1800 miles.....	12c	10c
Eighth Zone, all over 1800 miles.....	13c	12c

## REFERENCE TABLES

### FARM SEEDS

Number of Pounds to the Bushel

	No. Lbs. Per Bu.		No. Lbs. Per Bu.
Alfalfa .....	60	English Rye Grass.....	20
Barley .....	48	Feterita .....	50
Bermuda Grass .....	40	Field Peas .....	60
Blue Grass, English.....	20	Flax .....	56
Blue Grass, Kentucky.....	14	Italian Rye Grass.....	20
Bromus Inermis .....	14	Johnson Grass .....	25
Broomcorn .....	46	Kaffir Corn .....	50
Buckwheat .....	52	Millet .....	50
Cane .....	50	Mixed Lawn Grass.....	14
Clover, Alsike .....	60	Oats .....	32
Clover, Crimson .....	50	Orchard Grass .....	14
Clover, Medium Red .....	60	Rape, Dwarf Essex.....	50
Clover, Sweet .....	60	Red Top, Solid Seed.....	14
Clover, White .....	60	Rye .....	56
Corn, Field, Shelled.....	56	Timothy .....	45
Corn, Pop .....	60	Soy Beans .....	60
		Sudan Grass .....	50





# HARNDEN'S

## K. C. BRAND LAWN GRASS SEED

All Prices for Grass Seeds are F. O. B. Kansas City, Mo. If to go by Mail, Add Postage for Transportation Charges.

**SPECIAL MIXTURES**—We are at all times prepared to make up special mixtures of grasses for **golf courses, ball grounds, polo grounds, parks, etc.** We will be glad to figure with committees and give what information regarding the sowing of any plot of ground under prevailing conditions.

**QUANTITIES TO USE**—1 lb. for 400 square feet; 10 lbs. for 4,000 square feet; 25 lbs. for one-fourth acre; 50 lbs. for one-half acre; 100 lbs. for one acre. If intended to sow an old lawn, about one-half of the quantities are sufficient for the spaces given.

### HARNDEN'S EVERGREEN LAWN SEED—The Standard Lawn Mixture

A special blend of fine leafed grasses prepared especially for sowing on bare ground or for filling in bare spots on an old lawn. The body of this mixture is composed of K. C. Brand Kentucky Bluegrass blended with Red-Top and with a number of quicker growing grasses which will act as a nurse crop for the bluegrass. These quicker grasses are those that will be crowded out by the bluegrass or will die out the second year after the sod is well established. This is the finest combination that can be obtained for a permanent lawn. Price: per lb., 50c; 5 lbs., \$2.25; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$35.00.

### "Shadynook" Lawn Grass

Our combination of fine low-growing evergreen grasses which grow in their wild or native state in heavily wooded locations or other shaded or sheltered locations. This mixture will give splendid satisfaction on nearly any lawn that has bald spots under trees which ordinarily give the greatest amount of trouble to get permanently into grass. (For the further information of our customers, we advise them that the soil under trees long standing is apt to be acid or sour. This can be easily corrected by making an application of lime at the rate of 50 lbs. to 1,000 square feet.) Price: per lb., 50c; 5 lbs., \$2.25; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$35.00.

### Harnden's "Terrace Sod" Lawn Grass

One great difficulty in getting a terrace seeded is the fact the ordinary shallow rooted grasses are used. These are quickly killed on account of the added exposure and lack of moisture. "Terrace Sod" mixture is composed of those grasses which are deep-rooted and which will stand the greatest amount of drouth and exposure. These grasses by their long-rooted characteristics aid in binding the soil together and prevent washing. Price: Per lb., 50c; 5 lbs., \$2.25; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$35.00.

### Kentucky Blue Grass

Blue grass lawns are a man-made product and must be sowed at least once and preferably twice a year to keep in good condition. We supply to our customers only the heav-

iest seed of Kentucky Blue Grass in extra fine quality and of highest germination. This is the seed most often used in early months of spring to replenish established lawns or to fill in spots frozen out during fall and winter months. Price: Per lb., 40c; 5 lbs., \$1.90; 25 lbs., \$7.50; 50 lbs., \$14.50; 100 lbs., \$28.00.

### White Clover

Many persons do not care to have white clover in their lawns, but for those who do not object it is splendid in that it makes a quick growth, establishes itself readily, and is hard to kill out. Makes a good growth in poor soil and when established takes care of itself without attention. Price: Per lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

### Imported Creeping Bent Grass Seed

The last few years have shown a decided swing to this very deserving grass. It is very dwarf growing, a rapid filling grass of slightly lighter color than Blue Grass. Can be started by stolons (root cuttings) or from seed, the latter being considered less costly and in addition does not require the entire lawn being torn up. To transform a blue grass lawn to a bent lawn, one can sow Creeping Bent into the old lawn and add, as soon as well started, some acid, reacting fertilizer. Sow the same proportion as for blue grass. Bent requires for its greatest growth, plenty of water and an acid soil, thus enabling one to put his lawn into such a condition that no other grass will grow. In starting a new lawn sow equal proportion of Red Top and Creeping Bent. Price: Per lb., \$1.25; 5 lbs., \$5.50; 10 lbs., \$10.00.

## FANCY GRASS SEEDS

ASK FOR PRICES IN  
LARGE QUANTITIES

### IMPORTED DOMESTIC GRASSES FOR ALL PURPOSES

**CHEWINGS FESCUE (New Zealand Grown)**—There is very little difference between this and the European-grown Red Fescue. Chewings is in even greater demand for Putting Greens than the Red Fescue. Best seeded alone when used for greens. It is a perennial with creeping roots and makes a fine turf. Does well in sandy soils, and in the shade. Sow either Spring or Fall, preferably the last week in August or the first week in September, at the rate of 5 lbs. to 1,000 square feet. 1 lb., 60c, (by mail 65c); 5 lbs., \$2.75.

**ENGLISH BLUE GRASS OR MEADOW FESCUE (Festuca Elation Prateusis)**—A native of Europe, it has become very thoroughly naturalized here. Should be sown with other grasses. Particularly a pasture or meadow grass. Ours is choice American grown. Sow in the Fall or Spring, 30 to 50 lbs. per acre. 1 lb., 35c; 5 lbs., \$1.50.

**ENGLISH OR PERENNIAL RYE GRASS (Lolium Perenne)**—Does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soils best suited to it; the seed is heavy and very quick to start. Also a good lawn grass where quick results are wanted. Sow in Spring or Fall, 30 to 40 lbs. per acre for pasture. 1 lb., 35c; 5 lbs., \$1.50.

**ITALIAN RYE GRASS (Lolium Italianum)**—Likes a rich, moist, loamy soil where it does remarkably well and produces good hay and pasturage. Desirable for this purpose in temporary pastures. It is almost an annual, generally lasting a second year, however. Develops very rapidly.

Valuable in lawn grass mixtures demanding immediate effect. Used in the South for winter lawn grass. Sow in October in the South, Spring or Fall in the North, 30 to 40 lbs. per acre for pasture; 4 to 7 lbs. per 1,000 square feet on lawns. 1 lb., 35c; 5 lbs., \$1.50.

**RED TOP GRASS (Agrostis Alba)**—This grass is well adapted to moist and acid soils, but will grow and succeed on any and all kinds of soils. It is one of the most valuable grasses for pastures and meadows; but not quite as nutritious as Timothy for hay. Sow in Fall or Spring with or without a nurse crop. It is invaluable in a lawn grass mixture as it comes quickly and protects the slower-growing grasses until they can establish themselves. Extra fancy cleaned solid seed. 1 lb., 45c; 5 lbs., \$2.00; 25 lbs., \$8.75.

**WOOD MEADOW GRASS (Poa Nemoralis)**—Used as a shade grass in the Northern half of the United States. It is a very good shade grass that grows well in rather dry soils and should not be used in moist places. A perennial closely related to Kentucky Blue Grass. Sow in the Fall or Spring. 1 lb. to every 300 square feet. 1 lb., \$1.00; 5 lbs., \$4.50.

**BERMUDA GRASS (Cynodon Dactylon)**—The grass for Southern lawns and pastures; hard to kill; resists drought. Should be planted for permanency only in the South; winter kills in the North. Sow in Spring, 5 lbs. per acre; for lawns, 1 lb. for 500 square feet. 1 lb., 60c; 5 lbs., \$2.75.



## SPECIALTIES OF MERIT



DELPHINIUM, BLACKMORE AND LANGDON

### LILIUM

**SULPHUR-GALE HYBRIDS**—This new lily is a result of the crossing of Sulphureum and Regale. The color is deep yellow. Blooms later than Regale, is larger, and more robust in growth. As it grows readily from seed and will bloom the second year from seed, there is no reason why every garden should wait until the bulbs of this lily are reasonable in price before they can be had. Pkt., \$1.00.

### MECONOPSIS

**BAILEYII**—Perennial, 3 foot. Considered by many as the finest introduction of recent years. Brought from Tibet by Captain Kingdon Ward. It has proved the sensation of 1928. It throws from its root stalk, stems two to three feet high, freely covered with sea-green foliage and

an abundance of poppy-like bloom of a sky-blue color, which is enhanced by a zone of golden-yellow anthers. Preferring a shady spot, it is perfectly hardy, and can be easily forced in pots. It won several medals in England during 1928. Per pkt., 40c; 3 pkts., \$1.00.

### RANUNCULUS ASIATICUS

**IMPROVED PALESTINE STRAIN**—A remarkable creation of the talented horticulturist, Dr. Attilio Ragionieri, to whom we are already so much indebted for the beautiful Florentine Ranunculus, which we introduced 3 years ago. The race we here present originated from a wild large-flowered single sort of a fiery red colour, found on the plains of Palestine. In cultivation, however, it showed a tendency to become double and after some fifteen years of intensive selection a strain has now been evolved bearing large semi-double, double, and extra-double flowers and with a wider range of more brilliant colours than in any existing type. They often show towards the centre colours differing from that of the rest of the corolla, markings for instance of yellow or of pale green, adding to the kaleidoscopic charm of the mixture, in which the reds and the yellows are especially vivid and striking. The plants being very robust and extremely floriferous, we have no doubt as to the future of this excellent new strain of Ranunculus. Pkt., 50c.

### ROCK GARDEN COLLECTION

This collection is also made up for us by a specialist in rock garden plants, and covers the twelve varieties which are both the best in their respective classes, and yet not difficult for the average gardener to handle. Collection contains one generous packet each of:

Allyssum	Saxatile	Cit-	num
rinum			Iberis Gibraltaria
Anemone Japonica			Linum Viccosum
Campanula Carpathica			Myosotis Ruth Fisher
Dianthus Superbus			Primula Japonica
Gentiana Purpurea			Saxifraga Decipiens
Helianthemum	Appeni-		Veronica Saxatilis

Price per collection, \$1.90.



## SPECIALTIES OF MERIT



MECONOPSIS BAILEYI

### ANTIRRHINUM (Snapdragon)

**NEW GIANT FLOWERED**—Many of the newer and finer snapdragons have been made so popular by the florists that the public is now demanding the same kinds. We offer the following select list:

Ceylon Court Yellow, Canary Yellow. Pkt., \$2.00.

Geneva Pink, Salmon Pink. Pkt., \$1.00.

Indian Summer, Rich Copper. Pkt., \$1.00.

Jennie Schneider, Columbine Rose Pink. Pkt., \$1.50.

Penn Orange, Orange. Pkt., \$1.00.

Philadelphia Pink, Pure pink. Pkt., \$1.00.

Sunburst, Sunburst Rose. Pkt., \$1.50.

White Rock, Everblooming Pure White. Pkt., \$1.00.

### AQUILEGIA (Columbine)

**NEW LONG SPURRED BEAUTY**—Perennial, 2 feet. A re-selection of the finest long spurred columbines for those who desire specified colors. This strain is absolutely unexcelled in coloring, form, and size. In the following three colors which we offer, they come almost entirely true to type.

Blue Shades—Contains all the shades of blue, lavender, mauve and purple.

Pink Shades—Color ranges from apple-blossom to deep rose.

Scarlet Shades—Contains light and dark scarlet and crimson in many shades in addition to handsome bi-colored shades.

Pkt., any of the above three colors 35c; 1 pkt. each of three colors, 80c.

### ASTER

**AURORA**—A decided innovation among asters. The center of the flower is bright yellow and is made up of tubular petaloides, the outside circle of flat petals is delicate blue. The contrast is charming. Flowers are of medium size. Plants grow two feet tall. Pkt., 25c.

### COREOPSIS

**GRANDIFLORA, FLORE PLENO**—Perennial 2 feet. This is a re-selected strain of the double form introduced a few years ago by Perry. A splendid addition to the cutting flowers. Besides the doubles, the seed produces a percentage of semi-doubles that are more attractive than the single. Pkt., 30c; 3 pkts., 75c.

### DAHLIA

**ORCHID FLOWERED (Starfish)**—An American development of the European Starfish Dahlia which has changed its character from a freak to a charming cut flower. The petals are twisted in such a manner to give them a star effect. The colors are red, white, orange, or yellow, with a contrasting color on the reverse. This two tone effect is quite unusual. Pkt., 25c.



## SPECIALTIES OF MERIT

### DELPHINIUM COLLECTION NEWEST LARGE FLOWERED DELPHINIUMS

—We have numerous calls for a reasonably priced collection containing only the newest varieties, and are pleased to offer this one made up for us by the leading English Specialist. It contains the following twelve varieties, each of which is either a medal or prize winner during the last two years. If purchased separately any of these packets would cost at least 50c. We are offering them in this collection only. The varieties are:

Mrs. H. J. Jones	Juanita
Blue Bird	Thos. Stevenson
Cecilia	Modesty
Mrs. C. W. Bennett	Peacock
Delightful	Lavenda
Queen Mary	Mrs. Gladys Leney

Price per collection \$2.40.

### DIANTHUS

**DELTOIDES (MAIDEN PINK)**—Very desirable, low growing, profusely blooming, hardy pinks forming small plants which are almost entirely hidden by rose-pink blooms. Effective in rock gardens or in borders. Pkt., 25c, 3 pkt., 60c. **Latifolius Atrococcineus** (Everblooming Hybrid Sweet Williams)—A cross between annual pinks and Sweet Williams which produces this continual blooming flower of Sweet William form. Color dark crimson. Pkt., 15c; 2 pkts., 25c.

### DIMORPHOTHECA

**RINGENS**—A new form of African daisy recently introduced from South Africa. Its habits are

similar to the popular *Dimorphotheca Aurantiaca*, it is possibly a little dwarfier but is much more free flowering. The flowers are pure white with a decided blue ring or eye in the center. Pkt., 25c.

### GAILLARDIA

**GRANDIFLORA—THE DAZZLER**—By far the largest and most attractive Giant Red Gaillardia. This new Gaillardia has been selected for brilliancy of color, size, and length of stem. The flowers, which are very large, are the rich deep red with a very bright orange tip on each petal. Most attractive for table decoration. Pkt., 25c; 3 pkts., 60c.

### LARKSPUR

**DOUBLE STOCK FLOWERED, LA FRANCE**—Annual, 3 ft. No annual has had such a wave of popularity as the Larkspur, since the introduction of the double stock flowering type. During this period Exquisite Pink has been considered the finest of all colors. We now believe, however, that La France is the most outstanding, and will prove a sensation wherever it is shown. It is more vigorous and taller growing than any of the other shades. The color is a salmon-pink similar to the popular Snapdragon, Jennie Schneider. The large well formed double flowers are well placed on the extra long spikes, and are sure to please even those who view the larkspur critically. Pkt., 25c; 3 pkts., 60c.

### LARKSPUR

**LOS ANGELES**—This is the newest and finest of the deep rose-scarlet larkspur. Los Angeles has all the good characteristics of the popular La France which was introduced last year. Its darker coloring and darker foliage make it a valuable acquisition to the race. Pkt., 25c.



VIOLA (JERSEY GEM)





## SPECIALTIES OF MERIT

### SCABIOSA

**CAUCASIA, GIANT HYBRIDS (ISAAC HOUSE STRAIN)**—Perennial 2 feet. These hybrids are an improvement over the Caucasica in that they are more vigorous in growth, throw larger and longer stems, and larger and heavier petal blooms, with slightly ruffled petals. They cover many colors from the deepest blue, with lilac and mauve the predominating colors. Pkt., 25c; 3 pkts., 60c.

**CAUCASIA, GOLDENINGENSIS**—The finest of all perennial Scabiosa. The flowers are extra large, deep lavender in color, and petals are heavily frilled. The only Scabiosa that has ever received a Reward of Merit. Pkt., 40c; 3 pkts., \$1.00.

### VERBENA

**DWARF COMPACT FIREBALL**—A remarkably free flowering verbena growing only about six inches high. Brilliant scarlet flowers. Excellent for borders. Pkt., 25c.

### VERBENA

**MAMMOTH GOLDEN QUEEN**—A clear golden-yellow verbena has never before been offered to the trade, and Golden Queen is the result of several years' development by one of the leading growers. The flowers are of medium size, the plant is vigorous and gives a continuous succession of bloom. A valuable addition. Pkt., 25c.

### VERBENA

**HYBRIDA COLOSSEA**—These represent the very last achievement in Verbenas. Having the same characteristics as the well known Beauty of Oxford. They show more improvement over the popular Gigantea Type than the latter show over the Mammoth. The florets, over an inch across, are beautifully shaded and heavily ruffled. We offer it in two colors.

Rose Shades, per pkt. .... 50c  
 Rose Auricula-Eyed, per pkt. ... 50c  
 1 pkt. each of above ..... 80c

### VERBENA

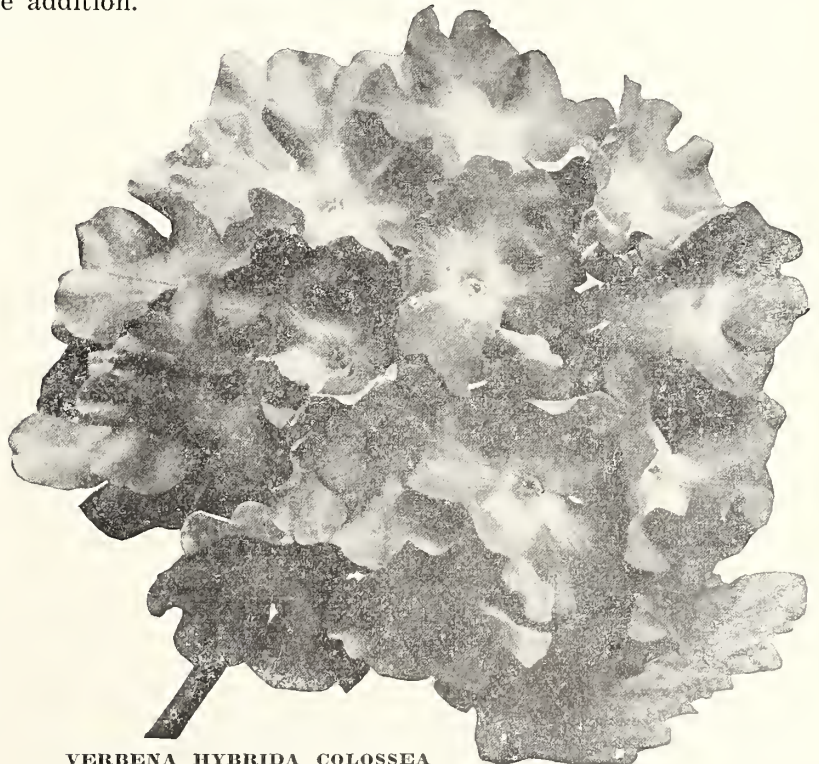
**GIGANTEA CARMINE PINK** — A fixed color in Gigantea Type Verbena which will bear favorable comparison with the Colossea Type. Its carmine coloring makes it an effective bedder. Pkt., 25c.

### VIOLA CORNUTA, "BLUE GEM" (Jersey Gem)

This excellent new sort was raised by T. A. Weston of Hillside, New Jersey, U. S. A. and put into commerce under the name of Jersey Gem. In Great Britain, however, the name of Blue Gem has become attached to it, and we think it has the advantage of being more descriptive of the flower. Blue Gem forms a large compact plant, producing a continuous profusion of bloom for a very long period, considerably longer than other cornuta varieties. The flowers are a very pleasing shade of deep violet blue, with an occasional very slight variation in tint, and many be relied on to come about 70% true from seed. A great feature of this fine new variety is its wonderful power of resisting drought, the plants continuing to throw up flowers long after other varieties are withered up. We are confident that Blue Gem will be found of the greatest value for all purposes to which the Viola cornuta can be put. Pkt., 25c; 5 pkts., \$1.00.

### ZINNIA

**DAHLIA FLOWERED**—The following are two new colors offered the first time. Golden Dawn. A new golden-yellow. Pkt., 25c. Youth. Soft rose-pink. Pkt., 25c.



VERBENA HYBRIDA COLOSSEA



# HARNDEN'S FINE FLOWER SEEDS

## NEW AND STANDARD VARIETIES FROM ALL OVER THE WORLD

Flowers from Seed are Usually Known as Annuals, Biennials, Perennials, Greenhouse Plants, Stove Plants and Climbing Plants

**ANNUALS** bloom and ripen seed the first year and then perish.

**BIENNIALS** do not generally flower the first season and are in perfection only one year.

**PERENNIALS** continue to flower for several years in succession. Many of them bloom the first year if sown early.

**GREENHOUSE PLANTS.** Start inside and cultivate in pots, or else transplant outside when danger of frost is over.

**STOVE PLANTS.** To be grown inside all the year round for pots only.

**CLIMBING PLANTS.** Plants which vine or climb.

**HARDY ANNUALS, BIENNIALS AND PERENNIALS** can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in the winter.

**HALF HARDY ANNUALS, BIENNIALS AND PERENNIALS** should not be sown in open ground until settled warm weather, though they can be sown in the house, if desired, early and afterward transplanted. The two latter need to be protected in the winter, or carried over until spring in cold frames or greenhouses.

## Annual Flower Seeds

### GENERAL DIRECTIONS FOR CULTIVATION

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care should be taken to make the ground suited to their needs. The soil best adapted for flowering plants generally is a light, friable loam, containing a sufficient amount of sand to render it porous. Many flowers are better if produced on plants of vigorous growth, hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well-rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Make the surface of the soil as fine, smooth and level as possible; do not plant when the ground is wet; cover each lot of seeds to a uniform depth, which should not be more than 4 to 6 times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the starting plants can be easily seen; thin out the young plants to prevent crowding and keep entirely free from weeds.

Very small seeds, such as Portulacca, Canterbury Bell, Fox Glove, Petunia, etc., should be merely sprinkled on the surface of the ground, after making it quite smooth with the back of the spade, and barely covered with fine sifted, light, mellow soil and afterwards protected from the scorching sun and heavy rains by a cloth, mat or some green branches stuck around them. If the weather, after sowing, should be dry, it will be necessary to water the places, where the seeds are sown, with a fine spray, regularly but slightly, every evening, as it is essential that the seeds, during the process of germination, should be kept constantly moist. From a neglect or oversight of this arise most of the failures, as the process of germination is shorter or longer in the different kinds of seeds, the patience of the cultivator is often sorely tried with the seeds of a slowly germinating character.

### EXPLANATION OF FLOWER SEED ABBREVIATIONS

**H. A.**—Hardy Annuals  
**H. H. A.**—Half Hardy Annuals  
**H. B.**—Hardy Biennial  
**H. H. B.**—Half Hardy Biennial  
**H. P.**—Hardy Perennial

**H. H. P.**—Half Hardy Perennial  
**H. C.**—Hardy Climber  
**A. C.**—Annual Climber  
**G. P.**—Greenhouse Plant for indoors.

	Pkt.		Pkt.
<b>ABRONIA.</b> (Sand Verbena). <b>Umbellata.</b> H.A. Trailing annual, pink flower trusses. 9 in. ....	¼ oz. 25c. \$0.10	<b>ADONIS.</b> <b>Autumnalis.</b> H.A. Crimson flowers with darker centers. 1 ft. ....	¼ oz. 25c. .10
<b>ABUTILON.</b> (Flowering Maple). <b>New Hybrids.</b> G.P. Large bell-shaped flowers. Mixed colors. 3 ft. ....	.25	<b>ADLUMIA.</b> (See perennial pages).	
<b>ACONITUM.</b> (See perennial pages).		<b>AGATHAEA.</b> (See perennial pages).	
<b>ACHILLEA.</b> (See perennial pages).		<b>AGROSTEMMA.</b> <b>Coeli Rosa</b> (Rose of Heaven). H.A. Bright rose, excellent for cutting. 18 in. ...	¼ oz. 25c. .10
<b>ACROCLINUM.</b> H.A. Everlasting flowers; fine for winter bouquets. 1 ft.		<b>ALYSSUM.</b> H.A. Pretty little plants for edging, rock-work, etc. Profuse bloomers.	
<b>Album.</b> Double pure white. ....	¾ oz. 25c. .10	<b>Maritimum.</b> (Sweet Alyssum). Fragrant, white, 6 in. ....	½ oz. 25c. .10
<b>Roseum.</b> Double bright rose. ....	¾ oz. 30c. .10	<b>Maritimum Compactum, Little Gem.</b> Grows erect, fine for edging. 6 in. ....	¾ oz. 25c. .10
<b>Mixed</b> ....	¾ oz. 20c. .10	<b>Compactum Lilac Queen.</b> Delicate lavender flowers. 6 in. ....	¾ oz. 35c. .10
<b>AGERATUM.</b> H.A. Blooms throughout the season; clusters of feathery flowers.		<b>AMARANTHUS.</b> H.A. Ornamental foliage plants, produce very striking effects.	
<b>Mexicanum.</b> Fine for bedding; lavender-blue. 1½ ft. ....	¾ oz. 30c. .10	<b>Caudatus.</b> (Love-lies-bleeding). Long drooping crimson spikes. 3 ft. ....	¾ oz. 35c. .10
<b>Mexicanum Album.</b> White variety of above. 1½ ft. ....	¾ oz. 30c. .10	<b>Tricolor.</b> (Joseph's Coat). Red, yellow and green foliage. 3 ft. ....	¾ oz. 50c. .10
<b>Imperial Dwarf Blue.</b> Fine for edging. 9 in. ....	½ oz. 50c. .10	<b>AMMOBIUM, Alatum Grandiflorum.</b> H.A. Pretty silver flowers with green discs. Everlasting. 2 ft. ....	.10
<b>Imperial Dwarf White.</b> Fine for edging. 9 in. ....	½ oz. 50c. .10	<b>ANCHUSA.</b> <b>Capensis.</b> H.A. Flowers like large Forget-me-nots. 1½ ft. ....	¾ oz. 75c. .10
<b>Blue Perfection.</b> Finest of the dwarf. 9 in. ....	½ oz. 50c. .10		
<b>Little Blue Star.</b> Very dwarf. Light blue. 6 in. ....	☆ oz. \$1.00 .15		
<b>Little Dorrit.</b> Very dwarf. Azure blue. 5 in. ....	☆ oz. \$1.00 .15		





Per Pkt.

**ANTIRRHINUM.** (Snapdragon). H.H.B. These are usually grown as annuals. Their value as cut flowers and for garden purposes is unexcelled.

**MAXIMUM.** Giant Flowered. The tallest varieties. 4 ft.

Apple Blossom. Rose pink, white tube.  
Bunch of Lilac. Lilac-purple.  
Canary Bird. Canary yellow.  
Cerberus. Carmine rose with yellow lip.  
Copper King. Copper shades.  
Defiance. Scarlet.  
Golden Queen. Yellow with rose-lilac throat.  
Maralda. Coppery carmine.  
Old Gold. Deep golden yellow.  
Purple King. Rich velvety purple.  
Ruby. Ruby red.  
Snowflake. Pure white.  
The Rose. Soft pink.  
Wallflower. Copper and red.  
Maximum Mixed. All of the above and others.  
Each of the above..... $\frac{1}{4}$  oz. 75c. .15

**MAJUS**—Tall Giant Flowered. These are about 3 ft. high.

Brilliant. Scarlet.  
Dark Rose. Coral red.  
Delicata. Soft pink with white throat.  
Fire King. Orange-scarlet and white.  
Garnet.  
Golden King. Improved yellow..... .15  
Harmony. Rich terra cotta pink, yellow center.  
Queen Victoria Improved. Pure white..... .15  
Rose King.  
Rose Queen.  
The Cardinal.  
Venus. Pink.  
Majus or Tall Sorts Mixed. Each of the above except as noted ..... $\frac{1}{4}$  oz. 60c. .10

**MAJUS NANUM.** Semi-tall or Half-dwarf varieties. 18 in.

Amber Queen. Canary yellow overlaid pink.  
Black Prince. Deep crimson.  
Canary Bird. Yellow.  
Ceylon Court Yellow. The finest of the yellows..... 2.00  
Cottage Maid. Pale pink, yellow throat.  
Crimson Queen.  
Defiance. Fiery scarlet.  
Diana. Rose pink, white crest.  
Empress. Rich velvet crimson.  
Fawn. Terra cotta, suffused yellow.  
Flame. Bright scarlet.  
Gloria. Rich deep rose pink..... .50  
Geneva Pink. Excellent rose..... 1.00  
Golden Queen.  
Grenadier. Orange scarlet, white throat. .1.00  
Helen. Lovely salmon ..... 2.00  
Jennie Schneider. Finest pink.  
Mauve Beauty. Rosy mauve.  
Mont Blanc. Large flowering white.  
Nelrose. Salmon. Extra fine..... .50  
Orlando. Bronze..... 1.00  
Penn Orange. Tangerine orange..... 1.00  
Peerless Pink. Pink with white lip..... .50  
Philadelphia Pink ..... 1.00  
Prima Donna. Terra cotta pink, suffused primrose.  
Queen of the North. White.  
Rose Dore. Salmon Rose.  
Silver Pink.  
Sunburst. An outstanding yellow and bronze..... 1.50

**White Rock** ..... 1.00  
Semi-Tall or Half-Dwarf Mixed. Each of the above except as noted ..... $\frac{1}{4}$  oz. 50c. .10  
Tom Thumb Varieties. The dwarfest of all Snapdragons. 1 ft.  
Crimson, White, Yellow or Mixed..... $\frac{1}{4}$  oz. 50c. .10

**AQUILEGIA.** (See Perennial pages).

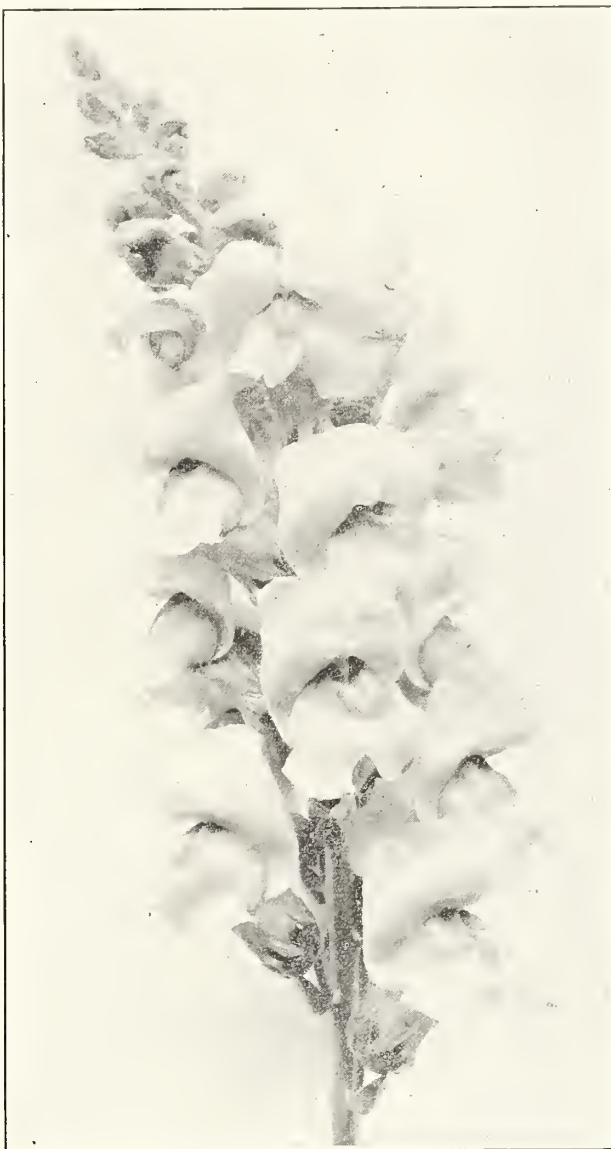
**ARCTOTIS.** Grandis (African Daisy). H.A. Daisy-like flowers, white shaded lilac. 2 ft..... $\frac{1}{4}$  oz. 50c. .10

**ASPARAGUS.** Plumosus Nanus. G.P. Graceful, feathery foliage of great beauty ..... .15  
Sprengeri. A splendid variety for hanging baskets. 5 ft. .... .15

**ARTEMISIA.** Sacrorum Viridis. Foliage plant of deep green color. 3-5 ft. high..... .15

**ASPERULA.** Azurea Setosa. H.A. Dainty sky-blue flowers in terminals. Fragrant..... $\frac{1}{4}$  oz. 25c. .10

**ASTERS.** The finest plants are undoubtedly grown in the open from seeds sown in May. Planted this way, the blossoms are produced in September and October. For earlier flowers the seeds should be sown indoors in boxes in March.



**ANTIRRHINUM MAXIMUM**

**ASTERS**—(Continued)

Queen of the Market. Blossoms two weeks ahead of other varieties. Of branching habit. 18 in.  
Crimson, White, Rose Pink, Lavender, Light Blue, Flesh, Scarlet, Dark Blue, Purple.  
Each of the above ..... $\frac{1}{4}$  oz. 60c. .10  
Mixed ..... $\frac{1}{4}$  oz. 50c. .10

Daybreak-American Victoria. A superb type for bedding. Smaller blossoms in great profusion. 18 in.  
White, Salmon, Crimson, Rose Pink, Azure Blue, Daybreak, Lavender, Purple.  
Each of the above ..... $\frac{1}{4}$  oz. 75c. .15  
Mixed ..... $\frac{1}{4}$  oz. 75c. .15

American Beauty. Ball type. Unexcelled for garden purposes. Branching habit. 2 $\frac{1}{2}$  ft.  
White, September Pink, Carmine Rose, Lavender, Purple, Azure Fairy, Rose, Crimson.  
Each of the above ..... $\frac{1}{4}$  oz. \$1.25. .25  
Mixed ..... $\frac{1}{4}$  oz. \$1.00. .25

American Asternum. Large flowers of long shaggy petaled type. Branching habit. 2 ft.  
Snow White, Rose Pink, Dark Lavender.  
Each of the above ..... $\frac{1}{4}$  oz. 75c. .10  
Mixed ..... $\frac{1}{4}$  oz. 75c. .10





## ASTERS (Continued)

	Per Pkt.
<b>Simple Giant Branching.</b> Produce extra size blossoms of fine form on long stems. 2½ ft.	
White, Daybreak, Peach Blossom, Rose Pink, Crimson, Azure Blue, Lavender, Deep Violet, Purple.	
Each of the above	¼ oz. 75c. .10
Mixed	¼ oz. 75c. .10
<b>King.</b> Plants are of upright growth, and petals of blossoms are long, narrow and roll inward. 2 ft.	
Brilliant Rose, Crimson, Lavender.	
Each of the above	¼ oz. \$1.25. .10
Mixed	¼ oz. \$1.00. .10
<b>Ostrich Feather.</b> A beautiful class with large, long, curled petals. 2½ ft.	
Deep Rose, Crimson, Lavender, Shell Pink, White, Purple Red, Violet Blue.	
Each of the above	¼ oz. 75c. .15
Mixed	¼ oz. 75c. .15
<b>Giant Crego.</b> Largest of all. Branching in habit, with many six-inch blossoms. 3 ft.	
White, Shell Pink, Deep Rose, Dark Pink, Crimson, Lavender, Azure Blue, Dark Blue, Purple.	
Each of the above	¼ oz. 75c. .15
Mixed	¼ oz. 75c. .15
<b>California Giants.</b> Adapted to exhibition purposes. Extra size flowers on long stems. 3 ft.	
Peach Blossom, Rose, Blue, White, Purple.	
Each of the above	¾ oz. \$1.00. .25
Mixed	¾ oz. \$1.00. .25
<b>Single Sinensis.</b> Excellent for cutting. 18 in.	
Blue, Lavender, Pink, White, Mixed.	
Each of the above	½ oz. 75c. .15
<b>Various Asters:</b>	
Crimson Giant. A superb crimson of great size. Branching type. 2 ft.	.15
Lavender Gem. Fine for cutting. 18 in.	.15
Heart of France. Crimson Bedder. 18 in.	.15
Yellow. (See Specialty pages).	
All Varieties Mixed	.10
<b>AUBRIETIA.</b> (See Perennial pages).	
<b>BALLOON VINE.</b> H.H.C. White flowers followed by balloon-like seed pods.	.10
<b>BALSAM.</b> (Lady's Slipper). H.A. Showy plant growing in bush form. 18 in.	
Camellia Flowered Pink, Crimson, Scarlet, Flesh, Salmon, Rose, White, Yellow.	
Mixed. Each of the above	¼ oz. 35c. .10
Rose Flowered Mixed	¼ oz. 35c. .10
<b>BALSAM APPLE</b> (Mormordica). H.H.C. Vine having curious fruits and foliage.	.10
<b>BARTONIA.</b> Aurea. H.A. Large single yellow blossoms. 12 in.	.10
<b>BEGONIA.</b> Contrary to general belief these are easily grown from seeds. H.H.A.	
Graecilla Luminosa. Scarlet with bronze foliage.	.25
Semperflorens. Everblooming, green foliage.	.15
Tuberous Rooted. Fine Single Mixed.	.25
Fine Double Mixed	.50
<b>BLUE LACE FLOWER.</b> (See Didiscus).	
<b>BRACHYCOME.</b> (Swan River Daisy). H.A. Beautiful small daisy. 18 in.	
Iberidifolia Blue, White and Mixed.	
Each of the above	¾ oz. 50c. .10
<b>BROWALLIA.</b> H.A. Highly prized for cutting. 2 ft.	
Elata Blue, White and Mixed.	
Each of the above	.10
<b>CACALIA.</b> (Tassel Flower). H.A. Scarlet and yellow flowers. 2 ft. Mixed.	.10
<b>CALCEOLARIA.</b> Hybrida Grandiflora. G.P. Splendid plant for home decoration. 2 ft.	.35
<b>CALENDULA.</b> (Pot Marigold). H.A. Free blooming and showy plants. 1 ft.	
Ball's Gold. Dark golden yellow.	.25
Ball's Orange. Orange, light center.	.25
Lemon Queen. Sunflower yellow.	.10
Meteor. Cream, striped orange.	.10
Orange King. Orange, light center.	.10
Prince of Orange. Cream, orange striped.	.10
Trianon. Yellow, striped orange.	.10
Mixed	oz. 40c. .10
<b>CALLIOPSIS.</b> H.A. Very effective golden yellow bedding plants. 18 in.	
Drummondii. Golden wave.	¼ oz. 30c. .10
Crimson King	¼ oz. 30c. .10
Finest Mixed	½ oz. 30c. .10
<b>CAMPANULA.</b> (See Perennial pages).	
<b>CANARY BIRD VINE.</b> H.A.C. Pretty climber with yellow with butterfly-like blossoms. 10 ft.	.10
<b>CANDYTUFT.</b> H.A. Showy plants fine for bedding or edging.	
Coronaria Empress. Large flowered white, 12 in.	¼ oz. 30c. .10



## GIANTS OF CALIFORNIA

	Per Pkt.
<b>CANDYTUFT—(Continued)</b>	
Coronaria Giant Hyacinth-Flowered. White, 12 in.	
Queen of Italy. Rosy white, 6 in.	¼ oz. 25c. .10
Umbellata Crimson	¼ oz. 35c. .10
Umbellata Flesh	¼ oz. 20c. .10
Umbellata Lavender	¼ oz. 20c. .10
Umbellata Mixed	½ oz. 20c. .10
<b>CANNA.</b> T.P. Foliage and bedding plants.	
Crozy's Dwarf Mixed 3-4 ft.	Oz. 25c. .10
<b>CANTERBURY BELLS.</b> (See Perennial pages).	
<b>CARDINAL CLIMBER.</b> (See IPOMOEAE).	
<b>CARNATIONS.</b> H.H.P. While these popular plants are perennials the following are best grown as annuals. They bloom from seed in five months. 12 in.	
Giant Chabaud White, Rose, Red, Salmon	¼ oz. 75c. .15
Mixed	¾ oz. 75c. .15
<b>CELOSIA.</b> Cristata. (Cockscorn). H.A.	
Empress. Crimson combs, dark foliage. 1 ft.	.10
Glasgow Prize. Dark crimson. 1½ ft.	.10
President Thiers. Bronze foliage, crimson. 1 ft.	.10
Mixed	¼ oz. 25c. .10
<b>CELOSIA.</b> Childsi. A feathered variety with globular heads. 2 ft.	
Pink, Yellow, Crimson, White, Scarlet.	
Each of the above	.15
Mixed	.15
<b>CELOSIA.</b> Plinosa. (Ostrich Plume). Produce fine feathered plumes. Fine for bedding. 2 ft.	
Pride of Castle Gould. All shades in a splendid mixture	½ oz. \$1.00. .15
Thompsoni Magnifica Crimson, White, Yellow, Mixed.	
Each of the above	½ oz. 25c. .10
<b>CENTAUREA.</b> Cyanus. H.A. (Bachelor's Button). Most popular blue annual. 18 in.	
Each of the above	¾ oz. 40c. .10
Single Blue, White, Rose.	
Single Mixed	½ oz. 20c. .10
Double Blue, White, Rose, Red.	
Each of the above	¼ oz. 25c. .10
Double Mixed	½ oz. 20c. .10
<b>CENTAUREA.</b> Imperialis. (Sweet Sultan). H.A. Splendid for cut flowers and massing. 3 ft.	
Lavender, Lilac, Purple, Rose, White.	
Each of the above	¼ oz. 40c. .10
Mixed	¼ oz. 40c. .10
<b>CENTAUREA.</b> American. H.A. Bushy plants with huge flowers, splendid for cutting. 3 ft.	
Purple, Mixed	.10
Candidissima. Round compact plants with silvery foliage. 12 in.	.15
Gymnocarpa. Finely cut silvery foliage. 18 in.	.15
Suaveolens. Soft yellow. 2 ft.	.10



## COSMOS

Per Pkt.

<b>CHRYSANTHEMUM.</b> Annual Varieties. Showy plants of easiest culture and long blooming. 12-18 in.	
<b>Morning Star.</b> Primrose yellow dark discs.	
<b>Evening Star.</b> Sunflower yellow dark disc.	
<b>Eastern Star.</b> Primrose, brown disc.	
<b>Northern Star.</b> Ivory white, sulphur disc.	
<b>The Sultan.</b> Crimson, brown disc.	
<b>Burridgeanum.</b> White, brown disc.	
<b>Coronarium.</b> White and yellow.	
<b>Inodorum Plenissimum.</b> Extra double white.	
Each of the above.....	1/8 oz. 35c. .10
<b>CINERARIA.</b> G.P. Splendid colored house plants.	
<b>Convent Garden.</b> Dwarf plants, large flowers.....	.25
<b>Harnden's Superb.</b> Small size flowers.....	.25
<b>Star.</b> Small flowers.....	.25
<b>Martina Caudidissima.</b> For bedding.....	.10
<b>CLARKIA.</b> H.A. Pretty flower to grow in either sun or shade. 2 ft.	
<b>Apple Blossom.</b> Double Pink.	
<b>Scarlet.</b>	
<b>Salmon Queen.</b> Salmon Pink.	
<b>Vesuvius.</b> Orange-scarlet.	
Each of the above.....	1/4 oz. 50c. .10
<b>Mixed</b> .....	1/4 oz. 35c. .10
<b>CLEOME.</b> Gigantea. H.A. (Giant Spiderplant). Rose crimson flowers on long spikes. 4 ft.....	1/4 oz. 50c. .10
<b>COBAEA.</b> Scandens. H.A.C. Climber having bell-shaped blue flowers. 20 ft.....	1/4 oz. 30c. .10
<b>White</b> .....	1/4 oz. 60c. .10
<b>COLEUS.</b> G.P. Prized foliage plants. 1 ft.	
<b>Fine Mixed</b> .....	.10
<b>COLUMBINE.</b> (See Perennial pages).	
<b>CORNFLOWER.</b> (See Centaurea).	
<b>COSMIDIUM.</b> H.A. Orange Crown. Cosmos like flower blooming all summer. Yellow and brown. 2 ft.....	.10
<b>COSMOS.</b> H.A. Tall Autumn flowering plants of great beauty. 6 ft.	
<b>Giant Flowering Crimson</b> .....	1/4 oz. 25c. .10
<b>Lady Lenox Pink</b> .....	1/4 oz. 35c. .10
<b>Lady Lenox White</b> .....	1/4 oz. 35c. .10
<b>Mixed</b> .....	1/4 oz. 25c. .10
<b>Early Flowering.</b>	
<b>White, Pink, Crimson, Mixed.</b> .....	1/4 oz. 35c. .10
<b>Double Crested Flowering.</b>	
<b>Pink, Crimson, White.</b>	
Any of above.....	.20
<b>Mixed</b> .....	.15
<b>Klondyke.</b> Golden yellow.....	.15
<b>CUPHEA.</b> Platycentra. (Cigar Plant). H.A. Scarlet flowers with a black and white lip. 1 ft.....	.20
<b>CYNOGLOSSUM.</b> Amabile. (Chinese Forget-Me-Not). H.A. Deep Blue fragrant flowers for cutting. 1 1/2 ft.	.25
<b>CYPRESS VINE.</b> H.A.C. Fast growing vine with feathery foliage and showy flowers.	
<b>Scarlet, White, Mixed.</b>	
Each of the above.....	1/2 oz. 25c. .10

<b>CYCLAMEN.</b> G.P. Fine decorative plant.	
<b>Fine Mixed</b> .....	.25
<b>DAHLIA.</b> H.H.P. By planting seeds in early spring these may be had in bloom the same year. 4-6 ft.	
<b>Single Mixed</b> .....	.10
<b>Double Mixed</b> .....	.10
<b>Decorative Mixed.</b> Large Flowering.....	.25
<b>Cactus Mixed.</b> Large Flowering.....	.25
<b>Peter Pau.</b> Anemone Flowering.....	.25
<b>DAISY.</b> (See Arctotis, Brachycome, Bellis, Chrysanthemum, Dimorphotheca, Pyrethrum).	
<b>DELPHINIUM.</b> (See Perennial pages).	
<b>DIANTHUS.</b> (Chinese Pinks). H.H.A. Although these are biennials, they are more often treated as annuals. They will flower from seeds in the early summer and will continue until frost. 1 ft.	
<b>SINGLE VARIETIES</b>	
<b>Crimson Belle.</b> Bright crimson.....	1/4 oz. 40c. .10
<b>Salmon Queen.</b> Salmon.....	1/4 oz. 50c. .10
<b>Heddewegi Mixed.</b> Brilliant mixture.....	1/4 oz. 20c. .10
<b>Japan Mixed</b> .....	1/4 oz. 30c. .10
<b>DOUBLE VARIETIES</b>	
<b>Mourning Cloak.</b> Deep crimson margined white.....	1/4 oz. 45c. .10
<b>Fireball.</b> Blood red.....	1/4 oz. 45c. .10
<b>Snowball.</b> White.....	1/4 oz. 45c. .10
<b>Chinese Mixed</b> .....	1/4 oz. 35c. .10
<b>Japan Mixed</b> .....	1/4 oz. 45c. .10
<b>Imperialis Mixed</b> .....	1/4 oz. 45c. .10
<b>DIANTHUS, Hybridus Latifolius, Atrococcineus.</b> (Ever-blooming Sweet William). A delightful hybrid, and a continuous bloomer. Excellent for bedding. 1 ft..	.10
<b>DIDISCUS, Coerulea.</b> (Blue Lace Flower). H.A. Pale lavender flowers fine for cutting. 1 ft..	1/2 oz. 50c. .10
<b>DIMORPHOTHECA, Aurantiaca.</b> H.A. (African Daisy) Orange blooms with dark disc. 1 ft.....	1/4 oz. 40c. .10
<b>Aurantiaca Hybrids.</b> Mixed shades.....	1/4 oz. 40c. .10
<b>DOLICHOS.</b> (Hyacinth Bean). H.A.C. Climbers with clusters of bean like blooms. 10 ft.	
<b>Daylight.</b> White blossoms.....	oz. 25c. .10
<b>Darkness.</b> Purple.....	oz. 25c. .10
<b>Mixed</b> .....	oz. 25c. .10
<b>Lignosus.</b> Rose.....	.10
<b>DRACENA.</b> Indivisa. G.P. Long narrow foliage plant.	.10
<b>ESCHSCHOLTZIA.</b> (California Poppy). H.A. Profuse blooming plants for cutting and bedding. 1 ft.	
<b>Golden West.</b> Deep yellow.....	1/4 oz. 25c. .10
<b>Rose Queen.</b> Rose.....	1/4 oz. 25c. .10
<b>Mikado</b> .....	1/2 oz. 20c. .10
<b>EUPHORBIA, Heterophylla.</b> H.A. (Annual Poinsetta). Green, orange-scarlet tipped foliage. 2 ft.....	.10
<b>Variegata.</b> (Snow-on-the-mountain). Green, white tipped foliage. 3 ft.....	.10
<b>FORGET-ME-NOT.</b> (See Perennial pages).	
<b>FOUR O'CLOCK.</b> Marvel of Peru. Popular annual of great value.	
<b>Rose, Red, Yellow, Striped.</b>	
Each of the above.....	oz. 30c. .10
<b>Mixed</b> .....	oz. 20c. .10
<b>GAILLARDIA.</b> H.A. (See also Perennial pages). Annual sorts are freer blooming than the perennial. 2 ft.	
<b>Pieta.</b> Single Mixed.....	1/4 oz. 35c. .10
<b>Lorenziana.</b> Double Mixed.....	1/4 oz. 35c. .10
<b>GERANIUM.</b> G.P. Produce blooming plants the first summer. 2 ft.	
<b>Zonale Scarlet</b> .....	.10
<b>Zonale Mixed</b> .....	.10
<b>Apple-Seented</b> .....	.10
<b>Lady Washington.</b> Large Flowers.....	.25
<b>GILIA, Capitata.</b> Blue Thimble Flower, Lavender. H.A. 1 ft.....	.10
<b>GLOBE AMARANTH.</b> (Gomphrena). H.A. Clover-like blooms. 1 ft.	
<b>White, Gold, Flesh, Pink, Purple-Red, Mixed.</b>	
Each of the above.....	1/4 oz. 35c. .10
<b>GLOXINIA.</b> G.P. Charming summer blooming plant for indoors.....	.25
<b>GODETIA.</b> H.A. Useful annual for bedding or cutting. Very showy. 1 ft.	
<b>Dark Crimson</b> .....	1/4 oz. 35c. .10
<b>Dutchess of Albany.</b> White.....	1/4 oz. 35c. .10
<b>Lady Satin Rose</b> .....	1/4 oz. 50c. .10
<b>Rossy Morn.</b> Deep Rose.....	1/4 oz. 75c. .10
<b>Mixed</b> .....	1/4 oz. 35c. .10
<b>GOURDS.</b> H.A.C. Thrifty annual climbers bearing ornamental fruits. 10 ft.	
<b>Apple, Calahash, Dish-cloth, Dipper, Hercules Club, Nest Egg, Small Spoon, Pear Shaped, Small Sorts Mixed, Large Sorts Mixed.</b>	
Each of the above.....	1/2 oz. 25c. .10
<b>GRASSES, ORNAMENTAL.</b> H.A. Valuable for tropical effects.	
<b>Briza, Maxima.</b> (Quaking Grass). 12 in.....	.10
<b>Pennisetum, Longistylum.</b> Graceful drooping heads. 18 in.....	.10





	Per Pkt.
<b>GREVILLEA, Robustia.</b> (Silk Oak). G.P. Graceful foliage plant. 4 ft. .... ¼ oz. 50c. .10	
<b>GYPHOPHILIA.</b> (Baby's Breath). H.A. Small flowers growing in sprays.	
Elegans Alba Grandiflora. White. .... oz. 40c. .10	
Elegans Pink ..... oz. 40c. .10	
Elegans Carmine, Red. .... oz. 40c. .10	
Mixed ..... oz. 40c. .10	
<b>HELIANTHUS.</b> (Sunflower) H.A.	
Chrysanthemum-Flowered Double. Yellow. 6 ft. oz. 30c. .10	
Red Single. 5 ft. .... oz. 30c. .10	
Dwarf Double Mixed. 3 ft. .... oz. 30c. .10	
Tall Mixed. 6 ft. .... oz. 30c. .10	
<b>HELICHRYSUM.</b> (Straw Flower). H.A. Everlasting. 2 ft.	
Monstrosum Double.	
Crimson, Canary Yellow, Salmon Rose, Fireball, Golden Ball, Purple, Carmine Rose, Silverball.	
Mixed. Each of the above. .... ¼ oz. 25c. .10	
<b>HELIOTROPE.</b> H.A. Old-fashioned fragrant plant.	
Lemoines Giant Mixed. .... .10	
<b>HOLLYHOCK.</b> (See also Perennial pages). While most of the popular plants are perennial the following variety blooms the first season and is treated as an annual.	
Hybrid Everblooming Semi-Double Mixed. ¼ oz. 50c. .10	
<b>HUMULUS, Japonica.</b> (Japanese Hop). H.A.C. 20 ft. .... ¼ oz. 35c. .10	
Variegatus. Variegated foliage. 20 ft. .... ¼ oz. 35c. .10	
<b>HUNNEMANIA.</b> (Yellow Tulip Poppy). H.A. Shrubby bush bearing 3 inch poppy-like blooms, fine for cutting. 3 ft. .... .10	
<b>IMPATIENS.</b> (Sultani or Sultan's Balsam). G.P. Decorative plants with waxy blooms in great profusion. 2 ft.	
Mixed Hybrids. .... .25	
Sultani. Scarlet. .... .25	
<b>IPOMEA.</b> (Morning Glory and Moon Vine). The most popular climbers in many colors. 20 ft. H.A.C.	
Cardinal Climber. Crimson blooms with a fine foliage. 20 ft. .... ¼ oz. 50c. .15	
Grandiflora Alba. (Moon Flower). Heart shaped leaves with large white blooms. 30 ft. .... oz. 50c. .10	
Bona Nox. (Evening Glory). Violet flowers. 20 ft. .... oz. 50c. .10	
Setosa. (Brazilian Morning-Glory). Bright rose. 20 ft. .... ¼ oz. 25c. .10	
Rubro-coerulea. (Heavenly Blue Morning Glory). Beautiful sky-blue. 15 ft. .... ¼ oz. 35c. .10	
Japanese Morning Glory. Mixed. .... oz. 20c. .10	
Japanese Morning Glory. Blue. .... oz. 35c. .10	
Japanese Morning Glory. Scarlet. .... oz. 35c. .10	
<b>JOBS TEARS.</b> (Coix Lachryma). Broad foliage with curious pods. 1 ft. .... oz. 15c. .10	
<b>KOCHIA, Tricophylla.</b> (Summer Cypress). H.A. Light green foliage in symmetrical form that turns scarlet in the fall. 2 ft. .... ¼ oz. 25c. .10	
<b>KUDZU VINE.</b> (See Perennial pages).	
<b>LANTANA.</b> G.P. Constant blooming plant having garden value. Mixed colors. 1½ ft. .... .10	
<b>LARKSPUR.</b> H.A. One of the finest garden flowers. Fine for cutting or ornamental purposes.	
Tall Double Stock Flowering. 3 ft.	
White, Rose, Flesh, Lilac, Dark Blue, Blue, Purple, Carmine, Mixed.	
Each of the above. .... ¼ oz. 30c. .10	
Newport Pink, Exquisite Pink. .... ¼ oz. 75c. .25	
Giant Hyacinth Flowered, Non-branching. 3 ft.	
Pink Delight, Violet, Purple, White, Mixed.	
Each of the above. .... ¼ oz. 30c. .10	
Dwarf Rocket. Branching. 2 ft.	
Blue, Rose, White, Mixed.	
Each of the above. .... ¼ oz. 25c. .10	
All Sorts Mixed. 2-3 ft. .... ¼ oz. 25c. .10	
<b>LEPTOSYNE.</b> H.A. Daisy-like flowers on long stems. 3 ft. .... .10	
<b>LINARIA.</b> Maroccana Hybrids. H.A. Blossoms like snapdragons. 1 ft. .... .15	
<b>LINUM.</b> Rubrum. H.A. Scarlet Flax. 12 in. .... ¼ oz. 25c. .10	
<b>LOBELIA.</b> H.A.H. Fine edging or pot plants. Shades of blue. 6 in.	
Compacta, Crystal Palace. Fine dark blue. .... .10	
Compacta, Sky Blue. .... .10	
Hamburgia. Trailing deep blue. .... .10	
<b>LUPINE.</b> H.A. Long graceful spikes of pea-like blooms. 2 ft.	
Blue, Rose, White, Mixed (Hartweigi). .... ¼ oz. 25c. .10	
Each of the above. .... ¼ oz. 25c. .10	
<b>MARIGOLD.</b> H.A. Popular garden flowers of many types.	
Double Tall African. Fistulosa Type. (Quilled petals) 5 ft.	
Orange Prince ..... ¼ oz. 50c. .10	
Lemon Queen ..... ¼ oz. 50c. .10	



FIELD LARKSPUR

	Per Pkt.
<b>MARIGOLD—Continued</b>	
Orange Ball ..... ¼ oz. 50c. .10	
Double Tall African. Imbricated Types. 5 ft. .... ¼ oz. 50c. .10	
Eldorado. Yellow ..... ¼ oz. 50c. .10	
Pride of the Garden. Gold ..... ¼ oz. 50c. .10	
Tall Varieties Mixed ..... ¼ oz. 50c. .10	
Double Dwarf African. Imbricata Type. 3 ft.	
Orange ..... ¼ oz. 50c. .10	
Lemon ..... ¼ oz. 50c. .10	
Double Dwarf French. 2 ft.	
Brown Quilled ..... ¼ oz. 40c. .10	
Golden Ball ..... ¼ oz. 40c. .10	
Striped ..... ¼ oz. 40c. .10	
Legion of Honor ..... ¼ oz. 40c. .10	
Mixed ..... ¼ oz. 40c. .10	
Single Dwarf French.	
Legion of Honor ..... ¼ oz. 40c. .10	
Diadem, Red and Gold ..... ¼ oz. 40c. .10	
Star of India. Striped ..... ¼ oz. 40c. .10	
Silver King. Pale yellow. .... ¼ oz. 40c. .10	
Signata Pumila. Yellow and Brown. .... ¼ oz. 50c. .10	
<b>MARVEL OF PERU.</b> (See Four o'Clock).	
<b>MATHIOLA, Bicornis.</b> (Evening Scented Stock). H.H.A. Sweet scented lilac flowers. 12 in.	
<b>MESEMBRYANTHEMUM, Crystallinum.</b> (Ice Plant). H.H.A. Trailing annual with beautiful foliage. 6 in. .10	
<b>MIGNONETTE.</b> H.A. Old-fashioned flowers prized for fragrance. 12 in.	
Allen's Defiance. Largest for cutting. .... .10	
New York Market. Extra long spikes. .... .25	
Goliath White ..... ¼ oz. 25c. .10	
Goliath Red ..... ¼ oz. 25c. .10	
Golden Queen. Yellow ..... ¼ oz. 25c. .10	
Reseda Odorata. Sweet scented variety for garden. .... ¼ oz. 25c. .10	
<b>MIMOSA, Pudica.</b> (Sensitive Plant). H.H.A. Curious annual with pink blooms. .... .10	
<b>MIMULUS.</b> H.H.A. Moschatus. (Mush Plant). Showy plants of tiny size. 6 in. .... .15	
<b>MINA.</b> Lobata. H.A.C. Fine vine with crimson and yellow flowers. 10 ft. .... .10	
<b>MOON FLOWERS.</b> (See Ipomea).	
<b>MORNING GLORY.</b> (See Ipomea).	





FRINGED PETUNIA

<b>NASTURTIUM.</b> H.A. Popular annuals for bedding or borders.	Per Pkt.
<b>Tom Thumb or Dwarf Varieties.</b> Compact plants. 10 in.	
Aurora. Yellow veined.	
Chameleon. Red and yellow.	
Crimson.	
Cloth of Gold. Scarlet, yellow foliage.	
Empress of India. Crimson, dark foliage.	
Golden King. Deep yellow.	
Golden Queen.	
King of Tom Thumb. Scarlet.	
King Theodore. Deep crimson.	
Rose.	
Vesuvius. Salmon Rose.	
<b>Finest Mixed.</b>	
Each of the above: lb., \$1.75; ¼ lb., 50c; 2 oz., 35c; 1 oz., 20c.	.10
<b>Tall or Climbing Varieties.</b> 6 ft.	
Crimson.	
Chameleon. Red and yellow.	
Cloth of Gold. Scarlet, yellow foliage.	
Dunnett's Orange.	
King Theodore. Deep crimson.	
Pearl or Moonlight. Creamy white.	
Rose.	
<b>Finest Mixed.</b>	
Each of the above: lb., \$1.75; ¼ lb., 50c; 2 oz., 35c; 1 oz., 20c.	.10
<b>NEMESIA.</b> H.A. Compact plants for bedding. 12 in.	
Blue Gem. Forget-me-not blue flowers.	.15
Compacta Mixed. Shades of blue, orange, rose, etc.	.15
<b>NEMOPHILA.</b> H.A. Free flowering annual of value in bedding. 12 in.	
Blue	¼ oz. 25c. .10
Mixed	¼ oz. 25c. .10
<b>NICOTIANA.</b> (Sweet Scented Tobacco Plant). H.A. Old-fashioned plants grown for their scent).	
Affinis. Star-like blooms of white. 3 ft.	¼ oz. 35c. .10
Affinis Hybrids. Mixed colors. 3 ft.	¼ oz. 35c. .10
Sanderae. Rose carmine. 4 ft.	¼ oz. 35c. .10
Sylvestris. Clusters of white. 4 ft.	¼ oz. 35c. .10
<b>NIGELLA.</b> (Love-in-a-mist). H.A. Beautiful border plants. 18 in. White, Blue, Mixed.	
Each of the above	¼ oz. 35c. .10
<b>OENOTHERA.</b> (Evening Primrose). H.A. Splendid for hot, sunny places. 1 ft.	
Mixed	¼ oz. 35c. .10
<b>PANSY.</b> H.H.P. While these are perennials, they are best when grown as annuals, or when planted in the late fall for spring blooms. The old plants never give the number or size blooms as the young ones. 8 in.	
Choice Mixed	¼ oz. 75c. .10
Special Mixed. Extra choice.	¼ oz. 90c. .15

<b>PANSY—Continued</b>	Per Pkt.
Superb Mixed. Only the best strains.	¼ oz. \$1.75. .25
Steel's Greenhouse	¼ oz. \$1.50. .25
Masterpiece Mixed. Large curled.	¼ oz. 75c. .25
King of the Blacks	.10
Lord Beaconsfield. Deep and light blue.	.10
Yellow with Eye	.10
Indigo Blue	.10
Atropurpurea. Purple	.10
Bronze Shades	.10
<b>PETUNIA.</b> H.A. These easily cultivated annuals succeed anywhere.	
<b>Double Flowering Sorts.</b>	
Peony Flowering Mixed. The largest and finest of the double	.50
Carnation Flowering. Very double, but smaller	.25
Large Flowering. Medium sized	.35
Single. Large flowering. Fringed.	
Romany Lass. Blood red.	.25
Giant Copper Red	.25
Coccineo-Rose	.25
Pride of Portland. Rose	.25
Scarlet Beauty	.25
Triumph. Deep Rose Pink	.25
Pink Glory	.25
Fluffy Ruffles. Choice Mixture	.25
Mixed	.25
Single. Large Flowering. Plain Edge.	
Balcony Blue. The Balcony Petunias are at their best	.25
Balcony Crimson. In porch boxes and pots	.25
Balcony Rose	.25
Balcony White	.25
Balcony Mixed	.25
Violaeca. Deep blue	.25
Elks Pride. Deep purple	.25
Single. Small Flowering. Most suitable for bedding.	
Countess of Elsmere. Rose, white throat.	
Carmine Sylvia. Blue, white throat.	
General Dodd. Crimson.	
Howard's Star. Crimson, white star.	
Rosy Morn.	
Illustris. Carmine Rose.	
Kermesina. Crimson.	
Brilliant. Carmine, white throat.	
Rose of Heaven. Splendid rose.	
Venose. Veined red.	
Snowball. White.	
Purple Queen.	
Striped and Blotched.	
Each of the above	¼ oz. 50c. .15
Finest Mixed	¼ oz. 25c. .10
<b>PHLOX.</b> H.A. Free flowering annual for bedding.	
Drummondii, grandiflora. 12 in.	
Chamois Rose, Atro Rosea, Crimson, Crimson with white eye; Scarlet, Isabellian, yellow, Carnes, flesh, Violet, Atropurpurea, White.	
Each of the above	¼ oz. 35c. .10
Mixed	¼ oz. 25c. .10
Nana Compacta. Very dwarf. 6 in.	
Red, Violet, Rose, Apricot, Mixed.	
Each of the above	¼ oz. \$1.00. .15
Star. Star-shaped blooms. 12 in.	
Mixed	¼ oz. 50c. .10
<b>PINKS.</b> (See Dianthus).	
<b>POPPIES.</b> Effective border plants. H.A.	
American Legion. Orange-scarlet. 2 ft.	
Glenn. (Tulip Poppy). Deep red.	
Flanders. Red. 12 in.	
Danebrog. Red with white.	
Shirley. Rose.	
Shirley, Apricot.	
Shirley, Mixed.	
Each of the above	¼ oz. 35c. .10
<b>Double Varieties—</b>	
Pink Shirley.	
Salmon Shirley.	
Mixed Shirley.	
Carnation Flowered. Salmon.	
Carnation Flowered. Red.	
Carnation Flowered. Mixed.	
Peony Flowered.	
Red, Rose, Shrimp Pink, Mixed.	
Each of the above	¼ oz. 35c. .10
California. (See Eschscholtzia).	
Oriental. (See Perennial pages).	
<b>PORTULACA.</b> Brilliant flowers for sunny locations. 6 in.	
Single—	
White, Crimson, Rose, Orange-Scarlet, Yellow, Bronze.	
Each of the above	¼ oz. 25c. .10
Mixed, all colors	¼ oz. 20c. .10
Double—	
Mixed	¼ oz. 50c. .10
<b>PRIMULA.</b> Sinensis. (Chinese Primrose). G.P. 1 ft.	
Charming house plant	.25
Obconica. Fine large flowers, free bloomers.	.25
Malacoides. Lilac, small flowered.	.25
<b>PYRETHRUM.</b> (See Perennial pages).	
<b>RHODANTHE.</b> (Swan-river Everlasting). H.A. Excellent for winter bouquets. 1 ft.	
Maculata. Rose with dark center	¼ oz. 35c. .10



	Per Pkt.
<b>RICINUS.</b> (Castor Oil Bean). H.A. Huge ornamental plants. 8 ft.	
<i>Cambogensis.</i> Maroon foliage . . . . .	1 oz. 25c. .10
Red Spire. Bronze foliage, red stems. . . . .	½ oz. 25c. .10
<i>Sanguineus.</i> Red stems . . . . .	oz. 25c. .10
<i>Zanzibarensis.</i> Mixed . . . . .	oz. 25c. .10
<b>SABBATIA.</b> <i>Campestris.</i> H.A. Beautiful rose annual with yellow eye. 1 ft. . . . .	.35
<b>SALPIGLOSSIS.</b> H.A. Orchid-like flowers for beds or borders. Long blooming period. 2½ ft.	
Red, Purple and Gold, Rose and Gold, Scarlet and Gold, Violet, Violet and Gold, Yellow, White and Gold. Each of the above . . . . .	¾ oz. 50c. .15
Mixed, all colors . . . . .	¾ oz. 35c. .10
<b>SALVIA.</b> (Flowering Sage). H.A. Brilliant bedding plant for autumn blooms.	
<i>Clara Bedman</i> or <i>Boufire, Dwarf.</i> 2 ft. . . . .	½ oz. 60c. .10
<i>Splendens.</i> Brilliant scarlet. 4 ft. . . . .	½ oz. 50c. .10
<i>Splendens Alba.</i> White. 4 ft. . . . .	.25
<i>America.</i> Earliest and best bloomer. 3 ft. . . . .	.25
<i>Zurich.</i> Early scarlet. 3 ft. . . . .	½ oz. \$1.00. .10
<i>Salmon Beauty.</i> 3 ft. Salmon . . . . .	.25
<b>SCABIOSA.</b> (Mourning Bride). H.A. One of the best annuals for cutting. 2 ft.	
Cherry Red, Rose, Flesh, Scarlet. Each of the above . . . . .	¾ oz. 25c. .10
Mixed . . . . .	¾ oz. 25c. .10
<i>Shasta.</i> New type, large flowered white . . . . .	.25
<i>Peach Blossom.</i> Splendid new pink . . . . .	.25
<b>SCHIZANTHUS.</b> (Butterfly-flower). H.A. 1½ ft. Continuous blooming, erect growing flowers for bedding or cutting.	
Rose-Amber Shades . . . . .	.15
<i>Garaway's Hybrids.</i> Large flowering . . . . .	.20
<i>Wisetonensis</i> Mixed . . . . .	.10
<b>SILENE.</b> <i>Armeria.</i> H.A. Showy plants for bedding. 1½ ft. . . . .	.10
<b>SMILAX.</b> G.P. Deep green foliage climber . . . ¼ oz. 25c. .10	
<b>SNAPDRAGON.</b> (See <i>Antirrhinum</i> ).	
<b>SOLANUM.</b> (Jerusalem Cherry). G.P. Ornamental plants with colored fruits. 2 ft.	
<i>Capsicastrum.</i> Red berries . . . . .	.10
<i>Clelandi.</i> Red fruits . . . . .	.15
<b>STATICE.</b> H.A. Highly prized for cutting and for winter flowers. 1½ ft.	
<i>Bonduelli.</i> Bright yellow . . . . .	¼ oz. 35c. .10
<i>Snowrowi.</i> Bright rose . . . . .	½ oz. 50c. .10
<i>Sinuated Blue, Rose, Carmine, White.</i> Each of the above . . . . .	¼ oz. 30c. .10
<b>STEVIA.</b> <i>Serrata.</i> G.P. Tiny white fragrant flowers in masses. Excellent for cutting. 2 ft. . . . .	.10
<b>STOCKS.</b> H.A. Fragrant flowers on long stems suitable for cutting.	
<i>Giant Perfection.</i> Cut and come again.	
White, Red, Gold, Lavender, Rose, Flesh, Chamois, Lilac, Mixed. Each of the above . . . . .	½ oz. \$1.00. .10
<i>Giant Bismark—</i>	
White, Red, Gold, Lavender, Rose, Flesh, Chamois, Lilac, Mixed. Each of the above . . . . .	½ oz. \$1.00. .10
<b>SUNFLOWER.</b> (See <i>Helianthus</i> ).	
<b>SWEET SULTAN.</b> (See <i>Centaurea</i> ).	
<b>SWEET PEAS.</b> The most popular of all climbers. H.A. 4-5 ft.	
<i>Spencer Types.</i> These are the ruffled sorts with many blooms to a stem.	
<i>America.</i> Red flake, white ground.	
<i>Asta Ohu.</i> Pinkish lavender.	
<i>Appleblossom.</i> Rose with primrose.	
<i>Austin Frederick.</i> Pure lavender.	
<i>Blanche Ferry.</i> Rose standard with white wing.	
<i>Blue Picotee.</i> White with blue edge.	
<i>Buttercup.</i> Cream.	
<i>Constance Hinton.</i> White.	
<i>Commander Godsall.</i> Violet blue.	
<i>Charity.</i> Scarlet.	
<i>Crimson King.</i> Crimson.	
<i>Defiance.</i> Orange-scarlet.	
<i>Dobbie's Cream.</i> Primrose.	
<i>Daffodil.</i> Deep cream.	
<i>Elfrida Pearson.</i> Shell pink.	
<i>Fiery Cross.</i> Red orange cerise.	
<i>Gladys.</i> Lilac.	
<i>George Shawyer.</i> Salmon Rose.	
<i>Giant Attraction.</i> Fawn pink.	
<i>Hawthorn Scarlet.</i>	
<i>Hawthorn Saluon.</i>	
<i>Heavenly Blue.</i>	
<i>Hebe.</i> Bright pink.	
<i>Hereules.</i> Best pure pink.	
<i>Illumination.</i> Salmon, orange-cerise.	
<i>King White.</i>	
<i>Lavender George Herbert.</i> Blue-lavender.	
<i>Mary Pickford.</i> Cream pink, suffused salmon.	
<i>Matchless.</i> Cream.	
<i>Masterpiece.</i> Lavender suffused mauve.	
<i>Miss California.</i> Orange salmon, cream pink.	
<i>Mrs. Cuthbertson.</i> Pink standard, white wings.	



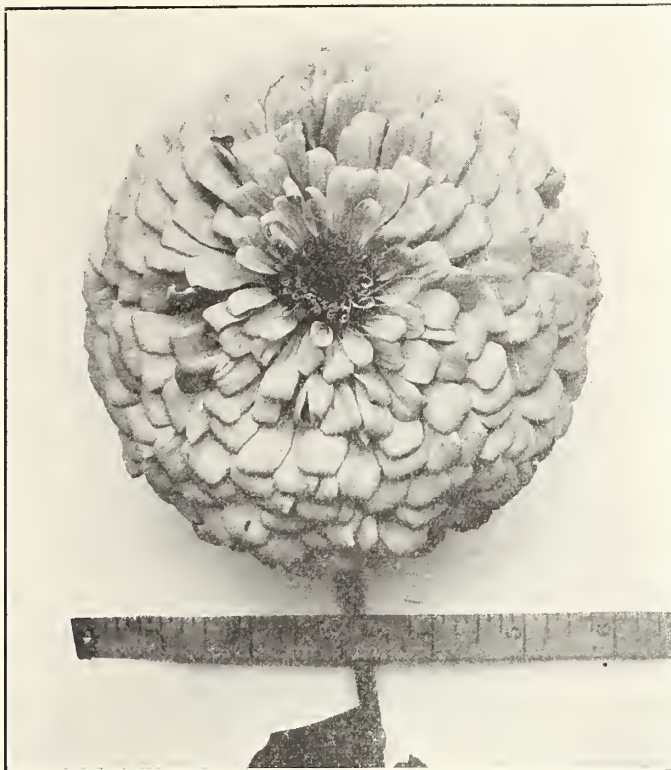
SALVIA

## SWEET PEAS—Continued

	Per Pkt.
<i>Mrs. Tom Jones.</i> Azure blue.	
<i>Picture.</i> Pink on cream.	
<i>Powercourt.</i> Lavender.	
<i>Pink Pearl.</i>	
<i>President Harding.</i> Peach red.	
<i>Renown.</i> Carmine rose.	
<i>Royal Purple.</i>	
<i>Royal Scot.</i> Scarlet cerise.	
<i>Royal Salute.</i> Glowing cerise.	
<i>Rosabelle.</i> Rose.	
<i>Snowball.</i> White.	
<i>Sunset.</i> Rose on amber ground.	
<i>The Cardinal.</i>	
<i>Tangerine.</i> Orange.	
<i>Warrior.</i> Maroon.	
Each of the above . . . . .	oz. 30c. .10
<i>Special Mixed.</i> Made up by ourselves to contain the finest shades. . . . .	Lb., \$2.00; ¼ lb., 60c; 2 oz., 45c. .10
<i>Grandiflora Types.</i> These are the older types with small blooms. Mixed colors. Lb. \$1.25; ¼ lb., 40c; 2 oz., 25c; 1 oz., 15c. .10	
<i>Cupid Types Mixed.</i> For edging, grow only 1 ft. high. ¼ lb., \$1.00; 1 oz., 30c. .10	
<b>SWEET WILLIAM.</b> (See Perennial pages).	
<b>THUNBERGIA.</b> (Black-eyed Susan). H.A.C. Rapid grower with yellow blossom.	
<i>Finest Mixed</i> . . . . .	¼ oz. 50c. .10
<b>TORENIA.</b> H.H.A. Trailing plants for boxes or vases. 2 ft.	
Blue, White, Mixed. Each of the above . . . . .	.10
<b>VERONICA.</b> (See Perennial pages).	
<b>VINCA.</b> H.H.P. Although these are perennials they are grown as annuals and are greatly used for bedding. 2 ft.	
White, Rose, White with eye, Mixed. Each of the above . . . . .	¼ oz. 50c. .10
<b>VIOLA.</b> (See Perennial pages).	
<b>VISCARIA.</b> H.A. Showy bedding plants or borders. 6 in.	
<i>Cardinalis.</i> Red . . . . .	¼ oz. 25c. .10
<b>VIRGINIA STOCKS.</b> H.A. Phlox-like blooms that are abundantly produced.	
Mixed . . . . .	oz. 25c. .10



Per Pkt.



CALIFORNIA GIANT ZINNIA

## ZINNIAS—Continued

Exquisite.	Light and deep rose.	
Golden State.	Orange yellow.	
Illumination.	Deep rose.	
Old Rose.		
Oriole.	Burnt orange and gold.	
Meteor.	Deepest red.	
Scarlet Flame.	Orange-scarlet.	
Polar Bear.	White.	
Purple Prince.	Purple.	
Lemon Beauty.		
Any 4 pkts. of above 50c.		.15
Mixed, Gold Medal		oz. \$1.50; ¼ oz. 50c. .15
California Giants.	The finest of the Colossal types.	
Cerise Queen.	Rose cerise.	
Enchantress.	Shades of rose.	
Lemon Queen.	Canary with cerise reverse on petals.	
Miss Wilmott.	Soft pink.	
Orange King.	Calendula orange.	
Orange Queen.	Light orange.	
Purity.	White.	
Rose Queen.	Bright rose.	
Scarlet Gem.		
Any 4 of the above 50c.		.15
Mixed, all colors		oz. \$1.50; ¼ oz. 50c. .15
Giant Colossal.	(Robustia Type). Giant blossoms of long stems.	
Apricot Yellow	Deep Flesh	
Buttercup	Deep Salmon	
Burnt Orange	Flesh	
Cream	Golden Yellow	
Crimson	Lavender	
Pink Shades	Scarlet	
Purple Shades	Shrimp Pink	
Rose Shades	Salmon Shades	
Rose King	Violet	
Any 3 of the above 25c.		.10
Mixed, all colors.		¼ lb. \$3.00; oz. \$1.00; ¼ oz. 30c. .10
Pumila Double Flowered.	These grow less than 2 ft. tall and are desirable for bedding.	
Snowball		
Fireball		
Goldball		
Salmon Rose		
Mixed		
Each of the above		oz. 75c; ¼ oz. 25c. .10
Lilliput—Double Flowered.	The smallest of all Zinnias.	
Scarlet Gem		
Golden Gem		
White Gem		
Dark Crimson		
Salmon Rose		
Mixed.	Each of the above	oz. \$1.00; ¼ oz. 30c. .10
Miscellaneous Types—		
Crested and Curled.	2½ ft. Petals are twisted and curled. Mixed, all colors.	.10
Giant Picotee.	3 ft. Tips of all petals are picoted in contrasting color. Mixed	.25
Mexicana.	10 in. Tiny flowers growing in masses. Fine for borders.	
Hybrida, Double		.10
Hybrida, Single		.10
Red Riding Hood.	(Gracillima Fl. Pl.). The most popular of all scarlet bedding Zinnias.	¼ oz. 30c. .10
Victory Quilled.	3 ft. Curiously quilled petals. All colors mixed	.25
Zinnia Collection:		
1 pkt. each of the following types—		
Dahlia Flowering Mixed		
California Giant Mixed		
Giant Colossal Mixed		
Giant Picotee Mixed		
Crested and Curled		
Lilliput Mixed		
Red Riding Hood		
Mexicana Mixed		
Total value \$1.10 — Special offer		.90

## DURING APRIL AND MAY

DURING APRIL AND MAY WE CARRY A COMPLETE  
LINE OF ANNUAL PLANTS FOR BEDDING.

These include:

Asters, in colors	Marigold
Ageratum	Coboea (Vine)
Celosia	Pansies
Cosmos	Petunias, in varieties
Cynoglossom	Salvia

Snapdragons, in varieties.

All of the above are grown from our own stock  
of seeds in finest varieties, and are all  
reasonably priced.

Per Pkt.

WALLFLOWER. (See Perennial pages).

WHITLAVIA. Gloxinoides. H.A. Canterbury-Bell like  
lavender flowers. 1 ft. .10

WILD CUCUMBER. H.H.C. Good foliage for climber.  
20 ft. .10 oz. 50c.

XERANTHEMUM. Fine everlasting. H.A.  
Mixed .10

VERBENA. H.A. Universal garden favorites. 12 in.  
Hybrida Colossea. (See Novelty pages).  
Gigantea. New strain with large flowers.  
Luminosa. Flame pink.  
Violacea Stellata. Blue with eye.  
Coccinea. Scarlet with eye.  
Lueffer. Vivid scarlet.  
White.  
Rosea Stellata. Rose with eye.  
Rose Cardinal.  
Etna. Deep scarlet.  
Finest Mixed.  
Each of the above .25  
Mammoth—  
Defiance. Scarlet  
Italian Striped.  
Mayflower. Pink shades.  
Pink Shades.  
Purple Shades.  
Purple Mantle.  
Firefly. Scarlet with eye.  
White.  
Atropurpurea. Purple with eye.  
Lutea. Pale yellow.  
Mixed.  
Each of the above ¼ oz. 40c. .10  
Upright Growing Type.  
Royal Bouquet .50

ZINNIA. H.A. (Youth and Old Age). The most brilliant  
of all annuals.  
Dahlia Flowered. 4-6 inch blossoms, imbricated type.  
Buttercup. Yellow.  
Canary Bird. Primrose.  
Crimson Monarch. Deep crimson.  
Dream. Lavender.





## Hardy Perennial Seeds and Plants

	Per Pkt.
ACANTHUS. Latifolius. 3 ft. Striking plant for border..	.10
ACHILLEA. Ptarmica. The Pearl. Double white.....	.25
Ageratum. Yellow. ....	.15
ACONITUM. Napellus. (Monkshood). 3 ft. Blue.....	.10
ADLUMIA. Cirrhosa. (Allegheny Vine). Rose flowered climber. 15 ft. ....	.10
ADONIS. Vernalis. 18 in. Yellow star-like flowers.....	.10
AGATHEA. Coelestis. 12 in. Blue daisy.....	.10
AGROSTEMMA. Coronaria. (Rose Campion). 2 ft. ....	.10
Flos Jovis. Scarlet. 1 ft. ....	.10
ALYSSUM. Saxatile. (Basket of Gold). Yellow flowers. 6 in. ....	.10
AMPELOPSIS. Veitchi. (Boston Ivy). Climber.....	.10
ANCHUSA. Italica. Dropmore variety. 5 ft. Blue flowers. Italica. Opal. Light blue. ....	.15
ANEMONE. Coronaria. (Poppy Anemone). Mixed colors. 12 in. ....	.10
St. Brigid. Select. 12 in. ....	.15
ANTHEMIS. Keltwayi. Yellow daisy-like flower. 2 ft. ....	.10
Tinctoria. Yellow. 2 ft. ....	.10
Alba. White ....	.10
AQUILEGIA. (Columbine). 2-4 ft.	
Alpina. Dwarf deep blue. ....	.10
California Hybrids. Mixed. ....	.10
Candidissima. White. ....	.10
Cocculca. Blue and white ....	.10
Rose Queen. Pink ....	.25
Chrysanth. Yellow ....	.10
Jaetschui. Yellow, red spurs ....	.25
Skinneri. Scarlet, tipped green. ....	.15
Mrs. Scott Elliott's Hybrids. Finest mixed. ....	.25
Improved Long Spurred Mixed ....	.15
Grandiflora Alba. White ....	.10
Single Mixed ....	.10
Double Mixed ....	.10
ARABIS. Alpina. 8 in. Rock and border plant. White....	.10
ARMERIA. 12 in. Rock or edging plant.	
Formosa. Pink ....	.15
Hybrida. Mixed. ....	.15
ARISTOLOCHIA. Siphio. (Dutchman's Pipe). Climbers with curious blossoms. 15 ft. ....	.15
ARTEMISIA. Lactifolia. (Hawthorn-scented Mugwort). White spirea-like blooms. 3 ft. ....	.15
ASPERULA. Odorata. 8 in. Sweet-scented herb.....	.10
ASTER. Large flowering varieties of rather dwarf growth.	
Michaemas Daisy. 2½ ft. Mixed colors. ....	.25
Alpinus. Longepali. Splendid rock plant. ....	.25
AUBRIETIA. 6 in. Charming little plants for rock gardens.	
Large Flowered Hybrids. ....	.25
Bougainvillei. Dark blue. ....	.25
AURICULA. (Alpine Primrose). Fine for shade or half-shade. 8 in. ....	.25
BELLIS. Perennis. (Double English Daisy). 8 in.	
Etna. Dark red ....	.10
Longfellow. Deep pink ....	.10
The Bride. White ....	.10
Mixed ....	.10
Monstrosa Mixed. Superb large flowering ....	.25
CAMPANULA. Perennials of various heights that are excellent for the garden and the dwarf varieties for the rock-garden.	
Carpatia. Deep blue, fine for rockeries. 6 in. ....	.10
Carpatia Alba. White. 6 in. ....	.15
Carpatia Mixed ....	.10
Calycanthemum. (Cup and Saucer). 3 ft.	
Blue, Rose, White, Mixed. ....	.10
Each of the above ....	.10
Calycanthemum Double	
Blue, Rose, White, Mixed. ....	.10
Each of the above ....	.10
Medium. This variety has the cup but no saucer. 2½ ft.	
Blue, White, Rose, Mixed. ....	.10
Persicifolia. (Peach Bell). 3 ft. Deep blue. ....	.25
Pyramidalis. (Chimney Bell) 5 ft. Blue. ....	.10
CANDYTUFT. (Iberis). For mass bedding or edging or rockeries.	
Sempervirens. White. 12 in. ....	.15
Gibraltarica. Lavender. 12 in. ....	.10
CANTERBURY BELLS. (See Campanula).	
CARNATION. Grenadin. Early Flowering. Scarlet. 12 in. ....	.15
Grenadin White ....	.15
Vienna Mixed ....	.15
CATANANCHE. (Cupid's Dart). 2 ft. Flowers like Everlastings. Useful for cutting.	
Blue, White. Each per pkt. ....	.10



AQUILEGIA

	Per Pkt.
CENTAUREA. (Hardheads). 2 ft. Showy low plants with flowers for cutting.	
Montana Blue ....	.10
Montana White ....	.10
CERASTIUM. Tomentosum. (Snow in Summer). 6 in. Creeping plant with wooly foliage and white flowers ....	.15
CHEIRANTHUS. Albion. (Siberian Wallflower). 1 ft. Spikes of orange flowers in profusion.....	.10
CHELONE. Barbata Terreyi. 3 ft. Long spikes of good cutting flowers.....	.10
CHRYSANTHEMUM. (Hardy Daisy).	
Leucanthemum. Common Shasta Daisy. 2 ft ¼ oz. 25c. ....	.10
Maxicum. Daisy Shasta Alaska. 3 ft. .... ¼ oz. 35c. ....	.25
Maximum King Edward. .... ¼ oz. 25c. ....	.15
Japanese Finest Mixed. Fall flowering.....	.25
CIMCIFUGA. Racemosa. (Snake Root). 4-6 ft. Tall growing spikes of feathery white blooms.....	.15
CINERARIA. Martima. (Dusty Miller). Treated as an annual, which see.	
COLUMBINE. (See Aquilegia).	
COREOPSIS. Very brilliant flowers much sought for cutting.	
Lanceolata. Yellow. 2 ft. .... ¼ oz. 35c. ....	.10
California Sunbeam. Brilliant .... ¼ oz. 35c. ....	.25
COWSLIP. (See Primula).	
DAISY. Double. (See Bellis).	
DAISY. Single. (See Chrysanthemum.)	
DELPHINIUM. Considered the finest plants for the garden.	
Chinese. The hardiest variety coming into bloom the first year. However, they are small, and not as striking in color as any of the others. 2 ft.	
Blue, Dark Blue, White Mixed. ....	.15
Each of the above ....	.15
Formosum. Deep blue, white eye. 3 ft. ....	.25
Formosum Coelestinum. Sky-blue. 3 ft. ....	.25
Belladonna. Light blue. 4 ft. ....	.25
Bellamosa. Dark blue. 4 ft. ....	.25
Cliveden Beauty. Improved Belladonna. 4 ft. ....	.35
Queen Mary. Silvery blue. Semi-double. 4 ft. ....	.25
Blackmore and Langdon Prize Named Varieties. 5 ft.	
Blue Boy. Deep blue, white eye, single.....	.50
The Shah. Deep rosy-lavender, single.....	.50
Mrs. Townley Parker. Cobalt blue, single.....	.50
J. Pitts. Dark blue, mauve tones, double.....	.50
Lady Beatrice Stanley. Blue and lavender.....	.50
Blackmore and Langdons Prize Mixed ....	.35
Wrexham Strain Mixed. (Hollyhock).....	.50
Gold Medal Mixed.....	.15

# Hardy Perennial and Biennial Seeds—Continued



**DIANTHUS BARBATUS (Sweet William)**

	Per Pkt.
<b>DIANTHUS, Plumaris.</b> (Hardy Garden Pinks).	
<b>Semperflorens.</b> (Perpetual Pink). 12 in. ....	1/4 oz. 35c. .10
<b>Cyclops.</b> (Clove Pink). 12 in. ....	1/4 oz. 35c. .10
<b>Alwoodii.</b> Mixed. English Pinks. 14 in. ....	.50
<b>Deltoides.</b> Maiden Pink. 6 in. Fine for rockeries....	.25
<b>Caesins.</b> (Cliff Pink). Pink. 1 ft. ....	.25
<b>Scotiens.</b> (Scotch Pink). Mixed. 1 ft. ....	.15
<b>DIANTHUS, Barbatus.</b> (Sweet William). 18-24 in.	
<b>Scarlet Beauty</b> .....	1/2 oz. 50c. .15
<b>Pink Beauty.</b> (Newport Pink) .....	1/2 oz. 50c. .10
<b>Giant White</b> .....	1/2 oz. 50c. .10
<b>Johnson's Giant Mixed</b> .....	1/2 oz. 50c. .15
<b>Diadem.</b> Mixed .....	1/2 oz. 35c. .10
<b>DICTAMNUS, Fraxinella.</b> Redish flowers, fragrant leaves .....	.15
<b>DIGITALIS.</b> (Foxglove). Long spikes of tubular flowers. 3 ft.	
<b>Purple, Rose, Yellow, White.</b>	
Each of the above .....	1/4 oz. 50c. .10
<b>Mixed</b> .....	1/4 oz. 35c. .10
<b>Shirley Mixed.</b> Superior strain .....	.15
<b>DORONICUM, Excelsum.</b> (Leopard's Bane). Yellow daisy-like flowers of great character. 3 ft. ....	.15
<b>ECHINOP. Ritro.</b> (Globe Thistle). Purple. 4 ft. 1/4 oz. 35c. .10	
<b>EDELWEISS.</b> (Leontopodium Alpinum). 6 in. Fine for rockeries .....	.25
<b>ERIGERON, Speciosus.</b> (Flea Bane). Aster-like flowers. 18 in. ....	.15
<b>ERYNGIUM.</b> (Sea Holly). <b>Alpinum.</b> Green foliage, blue flowers. 3 ft. ....	.10
<b>Amathystinum.</b> Light blue thistle-like. 3 ft. ....	.15
<b>ERINUS, Alpinus.</b> Splendid for rockeries. Purple. 6 in. ....	.25
<b>FORGET-ME-NOT.</b> (See Myosotis).	
<b>GAILLARDIA.</b> Long blooming plants for garden purposes and cutting. 2 1/2 ft.	
<b>Grandiflora.</b> Large flowering .....	1/2 oz. 25c. .10
<b>Portola Hybrids.</b> New .....	1/2 oz. 75c. .25
<b>GERBERA, Jamesoni Hybrids.</b> (Transvaal Daisy). 8 in. Daisy-like flowers unexcelled for cutting. ....	.25
<b>GEUM.</b> Showy garden plants that do not get the attention they deserve. 18 in.	
<b>Atrosanguineum.</b> Red .....	.15
<b>Lady Stratheden.</b> Golden Yellow .....	.25
<b>Mrs. Bradshaw.</b> Orange-scarlet .....	.25
<b>Orange Queen.</b> Orange, new .....	.25
<b>GYSOPHILA.</b> (Baby's Breath). Much used in bouquets.	
<b>Paniculata.</b> Pure white, panicles. 2 ft. ....	1/4 oz. 35c. .10
<b>Paniculata Double.</b> Double variety of above. ....	.25
<b>HELENIUM, Bigelowi.</b> (Sneezewort). Golden yellow flowers closely resembling the sunflower. 5 ft. ....	.10
<b>HELIANTHEMUM, Mutabile.</b> (Rock Rose). Low growing evergreen plants covered with rose blooms. 8 in. ....	.10
<b>HELLEBORUS, Niger.</b> (Christmas Rose). White flowers blooming in early winter. 1 ft. ....	.25
<b>HESPERIS, Matronalis.</b> (Evening Scented Stock). 2 1/2 ft. <b>Purple, White.</b> Each of the above .....	.10
<b>HEUCHERA.</b> (Coral bells). 2 1/2 ft. Beautiful plants bearing their blossoms in panicles in graceful way above the foliage.	
<b>Brizoides.</b> Flesh-rose .....	.25
<b>Sanguinea.</b> Crimson .....	.25
<b>Rosea</b> .....	.25
<b>Large Flowered Hybrids.</b> Mixed .....	.25
<b>HIBISCUS.</b> (Mallow). 4 ft. Showy plants for sunny places. <b>Giant Yellow, Red, Pink, Mixed</b> Each of the above .....	1/4 oz. 50c. .10
<b>HOLLYHOCK.</b> Old-fashioned plants of beauty. 6 ft.	
<b>Chaters Prize Double—</b>	
<b>Appleblossom</b> .....	
<b>Crimson</b> .....	
<b>Salmon Rose</b> .....	
<b>Yellow</b> .....	
<b>Deep Rose</b> .....	
Each of the above .....	1/4 oz. 35c. .15
<b>Allegheny Mixed.</b> Frilled semi-double .....	1/4 oz. 30c. .10
<b>Single Mixed</b> .....	1/4 oz. 25c. .10
<b>Maroon</b> .....	
<b>Newport Pink</b> .....	
<b>White</b> .....	
<b>Scarlet</b> .....	
<b>Mixed</b> .....	
<b>IBERIS.</b> (See Candytuft).	
<b>INCARVILLEA, Delavayi.</b> 2 ft. Rose-colored flowers of tubular flowers on long stems .....	.25
<b>KUDZU VINE.</b> Climber with large green foliage and pea-like blossoms .....	1/4 oz. 50c. .10
<b>LATHYRUS, Latifolius.</b> (Perennial Sweet Peas). Climbing vine. 6 ft.	
<b>Pink, Red, White, Mixed</b> Each of the above .....	1/4 oz. 35c. .15
<b>LILIUM, Regale.</b> 3 ft. Easily grown from seeds. Blooms the second year .....	.25
<b>Sulphur Gale.</b> Yellow lily, as valuable as Regale. ....	1.00
<b>LINUM, Perenne.</b> (Blue Flax). 2 1/2 ft. Sky-blue flowers on long stems .....	.10
<b>LOBELIA, Cardinalis.</b> (Cardinal Flower). 3 ft. Bronzy green foliage, with fiery red blooms. ....	.25
<b>LUPINE.</b> Showy plants with good foliage and blooms. 2 1/2 ft.	
<b>Polyphyllus Albus.</b> White .....	.10
<b>Rose</b> .....	.10
<b>Blue</b> .....	.10
<b>Lavender Queen.</b> Lavender tinted pink .....	.25
<b>Sunshine.</b> Golden yellow .....	.25
<b>Princess Juliana.</b> Pink .....	.25
<b>Arboreus.</b> Yellow Tree Lupine. 5 ft. ....	.15
<b>LYCHNIS.</b> Fine old-fashioned summer and fall blooming plants. 3 ft.	
<b>Chalcidonica.</b> (Jerusalem's Cross). 3 ft. Red .....	.10
<b>Haageana.</b> Large flowering, mixed colors .....	.10
<b>Viscaria Splendens.</b> Pink .....	.10
<b>Arkwrightii.</b> Finest hybrids. Large flowering .....	.25
<b>Hybrida Mixed</b> .....	.10
<b>MATRICARIA.</b> (Feverfew). Low growing plants for borders.	
<b>Capensis Alba.</b> Double white. 12 in. ....	1/4 oz. 50c. .15
<b>Eximia Golden Ball.</b> Double yellow .....	.15
<b>MECONOPSIS, Baileyi.</b> (The Blue Tibetan Poppy). 3 ft. Beautiful new perennial of great value. Flowers are blue with golden anthers of 4 in. size. ....	.50
<b>Cambria.</b> Double yellow Welch poppy. ....	.50
<b>MYOSOTIS.</b> (Forget-me-not). Desirable small plants for edging and rock-gardens. 9 in.	
<b>Alpestris.</b> Early flowering.	
<b>Blue, Rose, White, Mixed</b> Each of the above .....	1/4 oz. 50c. .10
<b>Ruth Fisher.</b> Large flowering blue .....	.35
<b>Distinction.</b> Early flowering blue .....	.15
<b>Palustris Semperflorens.</b> Everblooming .....	.15
<b>NEPETA, Mussini.</b> 6 in. Compact plants of lavender blooms .....	.15
<b>PANSY.</b> (See Annual pages).	
<b>PENSTEMON.</b> (Beard's Tongue). Much admired in the border. Long spikes. 2 ft.	
<b>Hybrids Mixed.</b> Large flowering .....	1/4 oz. 75c. .25
<b>Barbatus Toreyi.</b> (See Chelone).	





# Hardy Perennial and Biennial Seeds—Continued



STOKES ASTER

	Per Pkt.
<b>PEREZIA</b> , Multiflora. 3 ft. Star-shaped flowers in blue. . . . .	.35
<b>PHLOX</b> , Deussata. 3 ft. Large heads of showy blooms. . . . .	.25
<b>PHYSALIS</b> , Frauchetti. (Chinese Lantern Plant). 1 ft. Grown for its attractive orange-scarlet pods. . . . .	.10
<b>PINKS</b> , (See Dianthus).	
<b>PHYSOSTEGIA</b> , Virginica. Spikes of pink tubular flowers. . . . .	.10
<b>PLATYCODON</b> , Flowers look like balloons. 2-3 ft. . . . .	.10
Grandiflorum. Blue . . . . .	.10
Album . . . . .	.10
Mariessi. Dwarf double form . . . . .	.10
Blue, White, Each . . . . .	.10
<b>POLEMONIUM</b> , Coeruleum. (Jacob's Ladder). 3 ft. Clusters of blue flowers over deeply cut foliage. . . . .	.10
<b>POPPIES</b> , Universally favorite flowers for June-July. 2½ ft. . . . .	.10
Orientale, Oriflamme, Scarlet, black blotch . . . . .	.10
Beauty of Livermore, Crimson, black blotch. . . . .	.10
Mrs. Perry, Orange apricot . . . . .	.25
Perry's White . . . . .	.25
Princess Victoria Louise, Salmon pink . . . . .	.25
Salmon Queen . . . . .	.25
Rembrandt, Orange scarlet, Fine . . . . .	.25
Nudicaule, (Iceland Poppy). Blooms first year. . . . .	.25
Orange, Yellow, White, Mixed . . . . .	.10
Each of the above . . . . .	¼ oz. 50c.
<b>POTENTILLA</b> , (Cinquefoil). Ornamental foliage and blossoms. 1 ft. . . . .	.10
<b>PRIMULA</b> , (Hardy Primrose). Splendid for shady places. 1 ft. . . . .	.10
Polyanthus Flowered Varieties—	
Magenta King . . . . .	.25
Crimson King . . . . .	.25
Mrs. Berkeley's Strain, Extra size flowers. . . . .	.35
Bulleyana, Finest hybrids . . . . .	.50
Johnson's Perfection, Mixed . . . . .	.25
Vulgaris, (Common's Primrose), Yellow . . . . .	.15
Alpine, (See Auricula).	
<b>PYRETHRUM</b> , (Painted Daisy). One of the finest flowers for early bloom. . . . .	.25
James Kelway, Vermillion with yellow center. . . . .	.25
Carneum, Pink . . . . .	.10
Atroranguineum, Scarlet . . . . .	.10
Roseum Hybrids, Mixed . . . . .	.10
Hybridum Double Mixed . . . . .	.25
<b>RANUNCULUS</b> , Asiaticus, Palestine Strain, Finest of all the bedding types. 14 in. . . . .	.50
<b>RUDBECKIA</b> , Purpurea, (Purple Cone Flower). Splendid daisy-like flower for the border . . . . .	.25
<b>SALVIA</b> , The following varieties are only half hardy and must either be grown as annuals or the roots taken up in the fall and stored in the basement during the winter. . . . .	
Farinacea, 3 ft. Lavender . . . . .	.15
Pateus, 2½ ft. Blue . . . . .	.25
<b>SAPONARIA</b> , Trailing plants producing a sheet of bloom. 6 in. . . . .	.10
Oeomoides Splendens, Crimson . . . . .	.10
Oeomoides Alba, White . . . . .	.10
<b>SAXIFRAGA</b> , (Rock Foil). 18 in. Masses of color much used in alpine gardens . . . . .	.15
<b>SCABIOSA</b> , Unexcelled plants for border or cutting. 18 in. . . . .	
Caucassica Blue . . . . .	¼ oz. \$1.00. .15
Caucassica White . . . . .	¼ oz. \$1.00. .15
House's Giant Hybrids, New and exceptional . . . . .	.25
<b>SCUTELLARIA</b> , Baicalensis, 2 ft. (Blue Skull Cap). Blue flowers on spikes of great beauty . . . . .	.25
<b>SIDALCEA</b> , Flowers like hollyhocks of slender spikes. 3-4 ft. . . . .	
Rose Queen . . . . .	.15
<b>SILENE</b> , (Catchfly). Valuable for rockery or borders. 4-8 in. . . . .	
Asterias, Grandiflora, Large flowering Sea Star. . . . .	.15
Fortunei, Rose shades . . . . .	.15
Schaffa, Bright rose . . . . .	.15
<b>SOLIDAGO</b> , (Golden Rod), Canadensis, For naturalizing. . . . .	.10
<b>STACHYS</b> , Alpina, (Alpine Hedge Nettle). 8 in. . . . .	.15
Lanata, (Wooly Hedge Nettle). 1 ft. . . . .	.10
<b>STATICE</b> , (Sea Lavender). Useful as Everlasting for cutting. 2-3 ft. . . . .	
Latifolia, Deep lavender . . . . .	¼ oz. 50c. .10
Latifolia Caspia, Violet . . . . .	¼ oz. 75c. .15
<b>STOKESIA</b> , (Stoke's Aster). The corn-flower aster. 18 in. . . . .	
Blue . . . . .	¼ oz. 50c. .15
White . . . . .	¼ oz. \$1.00. .15
Mixed . . . . .	¼ oz. 50c. .15
<b>SWEET WILLIAM</b> , (See Dianthus).	
<b>THALICTRUM</b> , (Meadow Rue). Beautiful fern-like foliage. . . . .	
Adiantifolium, 9 in. Maiden Hair, Fern-like . . . . .	.10
Aquilegiafolium, 3 ft. Feathered Columbine . . . . .	.25
Dipterocarpon, 4 ft. Plumes of rosy-purple . . . . .	.25
Glaucum, 2 ft. Fine cut foliage, bronzy flowers. . . . .	.15
<b>TRITOMA</b> , Red hot poker or flame flower. 2 ft. . . . .	.25
<b>TUNICA</b> , Saxifraga, 8 in. Tufted plants with pink flowers . . . . .	.15
<b>VALERIANA</b> , (Garden Heliotrope). . . . .	
Officinalis, Heliotrope scented heads of rosy white flowers. 3 ft. . . . .	.15
Rubra, 3 ft. Red . . . . .	.10
Coccinea, 2 ft. Scarlet . . . . .	.15
<b>VERRASCIUM</b> , Phoeniceum, A superior rock plant. Close set foliage with spikes of multi-colored flowers. . . . .	.25
<b>VERONICA</b> , (Speedwell). Herbacious plants for border or cutting. . . . .	
Spicata, Light blue. 2 ft. . . . .	.15
Turcicum, "Royal Blue" 2 ft. . . . .	.25
Elegantissima, Rose, 2 ft. . . . .	.15
Prostrata, Trailing, Blue, 10 in. . . . .	.25
Perennial Varieties Mixed . . . . .	.15
<b>VIOLA</b> , These splendid flowers are having a revival in popularity that the newer varieties justify. 6 in. . . . .	
Cornuta, (Tufted Pansy)	
Lutea, Yellow . . . . .	
Admiration, Dark blue . . . . .	
Papilio, Blue white spot . . . . .	
Rose Queen . . . . .	
Thuringia, Dark blue white . . . . .	
eye . . . . .	
Purple King . . . . .	
Each of the above . . . . .	¼ oz. 50c. .10
Jersey's Gem, Finest Royal Blue . . . . .	.25
Bosniaca, Fine new deep red . . . . .	.25
Odorata, (Violet). . . . .	
The Earl, Large blue . . . . .	.25
Blue . . . . .	.10
<b>WALL FLOWER</b> , These are tender and mostly grown in sheltered places. Fine. 12 in. Mixed. . . . .	.10
During April and May we carry in stock a large line of perennial plants from 4 in. pot grown stock and from field clumps. We recommend as far as is possible the pot stock, as it suffers less from transplanting, and has usually a finer developed root growth, this in spite of the fact that pot stock is always smaller than field grown plants. These stock include:	
Achillea, The Pearl . . . . .	
Aconitum . . . . .	
Alyssum, Saxatile . . . . .	
Anchusa, Dropmore . . . . .	
Aquilegia, in varieties . . . . .	
Aster, Climax . . . . .	
Bellis, Perennis, Doz. \$1.00 . . . . .	
Carnation, Grenadin . . . . .	
Campanula, in varieties . . . . .	
Centaurea, Montana . . . . .	
Coreopsis, Lanceolata . . . . .	
Lily-of-the-Valley, Doz. 75c . . . . .	
Chrysanthemum, in varieties . . . . .	
Delphinium, in variety . . . . .	
Dianthus, in variety . . . . .	
Dilytra (Bleeding Heart) . . . . .	
Each 60c . . . . .	
Digitalis (Foxglove) . . . . .	
Funkia, in variety . . . . .	
Gaillardia, Grandiflora . . . . .	
Geum, in variety. Each 35c . . . . .	
Gypsophila . . . . .	
Hibiscus, in colors . . . . .	
Heuchera . . . . .	
Hollyhocks, double in colors . . . . .	
Iberis . . . . .	
Lathyrus, in colors . . . . .	
Lychnis . . . . .	
Myosotis . . . . .	
Papavir, in variety . . . . .	
Penstemon . . . . .	
Phlox, in variety . . . . .	
Platycodon . . . . .	
Pyrethrum . . . . .	
Saponaria . . . . .	
Scabiosa, Caucasia . . . . .	
Statice, Latifolia . . . . .	
Tritoma . . . . .	
Viola, in variety . . . . .	
Prices on each of the above, unless otherwise marked: 25c each, \$2.50 per doz. If to go by mail, add 5c on single plants, or 25c per dozen.	





# SELECT SUMMER FLOWERING BULBS

## Caladium and Tuberose Bulbs

### CALADIUM ESCULENTUM

#### (Elephant Ear)

One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants.

**EXTRA LARGE**—9 to 11 inch circumference. Prepaid, each, 25c; by express, dozen, \$2.25.

**MAMMOTH SIZE**—12 inch and up circumference. Prepaid, each, 50c; by express, dozen, \$5.00.

**Mailing weights** for each size per dozen bulbs are as follows: Extra, 10 lbs.; Mammoth, 17 lbs.

### TUBEROSES

**EXCELSIOR DWARF PEARL (Mammoth)**—One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted as late as July. For flowering in the open border, plant about the middle of April or as soon as the ground becomes warm. Large bulbs. Prepaid, each, 10c; dozen, 75c; 25 for \$1.50.



CALADIUM ESCULENTUM (Elephant Ear)

**MEXICAN TUBEROSE**—These come from the high table-land of Central Mexico. They have tall, stiff stems, flowers pure white, single true tuberose fragrance. Prepaid, each, 5c; doz., 50c; 25 for \$1.00; 50 for \$1.75.

## HARN DEN'S GLADIOLI BULBS



GLADIOLUS

	Per Doz.	Per 100
<b>ALICE TIPLADY (Primulinus)</b> —Largest and most beautiful Orange Saffron .....	\$0.75	\$5.00
<b>AMERICA</b> —Soft Clear Pink .....	.50	3.50
<b>ANNA EBERIUS</b> —Purple, very popular shade .....	1.00	7.00
<b>BARON HULOT</b> —Dark Royal Purple .....	1.00	7.00
<b>LOS ANGELES</b> —Color described by the originator as being grenadine, a pink containing considerable orange. The feather in the throat deepens to pomegranite purple, the flowers being delicately ruffled. Los Angeles is often referred to as the "Cut and Come Again" Gladiolas, because it produces many branches on one stalk. ....	1.25	8.00
<b>LE MARECHAL FOCH</b> —Light pink. Replacing America .....	.75	5.00
<b>MAIDEN BLUSH</b> —Considered the finest money-making pink .....	.75	5.00
<b>CHICAGO WHITE</b> —Pure white faintly tinted lavender on lower petals. ....	.75	5.00
<b>E. J. SHAYLOR</b> —Ruffled Rose Pink. Splendid forcer .....	.75	5.00
<b>EVELYN KIRTLAND</b> —Rose pink with darker blotches .....	1.00	7.00
<b>ELIZABETH TABOR</b> —Extremely early. Pink with pink and yellow blotch on lower petals .....	1.25	8.00
<b>HALLEY</b> —Salmon pink with red marked throat .....	.75	5.00
<b>MRS. DR. NORTON</b> —Soft white with each of petals lightly tipped La France Pink .....	1.00	7.00
<b>MRS. FRANCIS KING</b> —Standard scarlet .....	.75	5.00
<b>MRS. FRANK PENDELETON</b> —Rich salmon with distinctive blotch on lower petals. ....	.75	5.00
<b>ORANGE GLORY</b> —Clear orange with white and purple marks in the throat .....	1.25	7.00
<b>1910 ROSE</b> —Extra large flower of true rose pink color with faint line of white on lower petals .....	.75	5.00
<b>ROSE ASH</b> —Old rose overlaid and blended with pink and red. A striking combination difficult to describe .....	1.50	10.00
<b>SOUVENIR, PRIMULINUS</b> —Large flowered type. Finest yellow .....	1.00	7.00
<b>SCHWABEN</b> —Yellow .....	.60	4.00
<b>VIRGINIA (Scarlet Princeps)</b> —Splendid light red .....	.75	5.00
<b>WAR</b> —Late very dark red .....	1.00	7.00
<b>WILBRINK</b> —Colored like America, but much larger and earlier .....	.75	5.00
<b>MIXED (Fine Named)</b> —This mixture contains many of named sorts, insuring a wide range of colors, shades and types .....	.50	3.00





# SUMMER FLOWERING BULBS

## DAHLIAS OF SPECIAL MERIT

All of our Dahlia Tubers are grown by a leading specialist. They are well formed, selected Tubers and have strong crown cuttings. We take pride in presenting the following list of leading novelties and old favorites:

The Peony Type has a decided single or double outside row of petals with the inner petals incurving over the center. The newest type and very attractive for cutting.

The Cactus Type has long twisted petals of varying color.

The Decorative Type is readily recognized by its larger blossoms and flat petals.

The Collerette Type has single flowers with an additional row of short petals around the disc usually of a contrasting color.

The Show or Fancy Type is the old-fashioned ball Dahlia that produces such an abundance of smaller blooms.

**AMUN RA, OR THE SUN GOD**—Amun Ra is wonderfully distinct both in color and formation, and while a giant in size is without coarseness, it being perfect in shape. The outer petals of the mammoth flowers are of gorgeous copper and orange tones shading to gold and amber, deepening in the center to a dark reddish brown, the effect as a whole being that of a gorgeous sunset. The stems are stout and hold the immense flowers well above the strong vigorous plants; the flowers keep for many days when cut. Each \$1.50.

**A. D. LIVONI (Show)**—Clear, bright pink, quilled petals, the best pink show dahlia. Prepaid, each, 35c; dozen, \$3.50.

**COUNTING OF LONSDALE (Cactus)**—A peculiar, but pleasing blending of salmon pink and amber, a color difficult to describe. Blooms freely under all conditions. Prepaid, each, 35c; dozen, \$3.50.

**CRIMSON KING (Cactus)**—The plant is strong, vigorous grower and a wonderful bloomer late in the season when most cactus come open centered. It is a Florida production that does even better in the north than in the south. Color, rich crimson. A cross of Yellow King and Norman, and is far stronger than either parent. The flowers are of perfect shape with long narrow, incurved and twisted petals; plants 4 feet high. Prepaid, each, \$1.00.

**CRYSTAL (Cactus)**—One of the very finest, clear, soft pink Cactus. Flowers are of large size with narrow incurved petals and full centers. A strong, vigorous grower and profuse bloomer. An excellent variety for exhibition and garden. Prepaid, each, 50c; dozen, \$5.00.

**DELICE (Decorative)**—Still one of the loveliest of this class, on account of its wonderful color; a bright luminous pink entirely distinct. The flowers are held facing, well above the foliage on straight stiff stems. Prepaid, each, 25c; dozen, \$2.50.

**DREAM O LOVE (Peony)**—One of the most strikingly effective of this class. The flowers are of large size and beautiful form, with outer petals reflexed, whorled and twisted; while the inner petals are also whorled and twisted, but incurved. The color is the brightest, most luminous geranium red, richly shaded, and each petal is distinctly tipped yellow. The flowers have great depth and substance; are splendid for cutting and decorations. The plant is a very sturdy grower, of branching habit and produces the flowers freely on stiff stems, making it an ideal garden plant. Roots, prepaid, each, \$1.00.

**GOLDEN WEST (Cactus)**—This is a California variety that is in a class by itself in its color, has rich golden, bronzy yellow, with the scarlet shading at the base of the petals and the center. It is a wonderful grower, strong and sturdy, with heavy, clean, healthy leaves and branching habit, producing the large flowers freely on long, stiff stems. The flower is large, 6 to 8 inches across, the outer petals reflexing somewhat, and a full, high center, making it very deep. Prepaid, each, 50c; dozen, \$5.00.

**HORTULANUS FIET (Decorative)**—Immense size, with full, well formed center. Flowers often measure more than 9 inches across, and borne on long, stiff stems; lovely shades and tints of rich salmon pink. Prepaid, each, 60c; dozen, \$6.00.

**INSULINDE**—Immense flowers of a rich, golden orange color and of splendid form; fine for exhibition or cutting; an extra fine variety. Each, \$1.00; dozen, \$10.00.

**JACK ROSE (Decorative)**—The best crimson for garden or cutting—that brilliant crimson red that makes the "Jack" rose popular and suggested the name. Prepaid, each, 25c; dozen, \$2.50.

**JOHN WANAMAKER (Decorative)**—One of the loveliest formed, no two petals or flowers just alike. Color soft orchid pink. An extremely early and profuse bloomer. Should be disbudded to give large long-stem flowers. Prepaid, each, 50c; dozen, \$5.00.

**JEAN CHAZOT, OR GAY PAREE (Hybrid Cactus)**—This French introduction is one of the very best all around varieties that has yet been produced. It is a fine exhibition flower, splendid for garden decorations, and unsurpassed by any of the autumn tints as a cut flower. The habit of the plant is all that could be wished for, a free upright grower, long stiff, wiry stems hold the flowers well above the foliage in such a manner as to display their full beauty; it is one of the most prolific to flower, coming into bloom early and continuing in good condition to the end of the season; we have never seen an imperfect flower. These are of good size, of splendid hybrid-cactus form, and in color a beautiful golden bronze with just a faint suffusion of Nasturtium red that intensifies its brilliancy and adds to its charm. Each, \$1.00.

**JERSEY'S BEAUTY (Decorative)**—Not only the finest true pink decorative variety, but we are tempted to say the best all around Dahlia for any purpose yet introduced. It has been one of the outstanding features of the Eastern shows for the past three seasons where it has been awarded many medals, certificates and prizes. The beautiful large pink flowers are of perfect form, supported on long, stiff straight stems. It is early and free flowering, continuing perfect to the end of the season. As a cut flower it is one of the best keepers and is equally valuable for garden decoration. No one will be disappointed in planting Jersey's Beauty, and with this in view we have prepared a large stock which enables us to offer strong tubers at the greatly reduced price of \$1.00 each.

**JUDGE MAREAN**—A very large flower of perfect decorative shape. The colors changing as the flowers pass through different stages of development are a combination of glowing salmon pink; red, iridescent orange, yellow and gold, all blending most harmoniously. Each, \$1.00.

**KALIF (Cactus)**—A very large, pure scarlet red. A strong plant, producing the giant flowers freely on long stiff stems. This is undoubtedly the most popular red Cactus Dahlia today and one that gives universal satisfaction. Prepaid, each, 50c.

**KITTY DUNLAP**—This wonderful variety is one of the most popular and should be in every collection; color a delightful shade of carmine rose with a brilliant suffusion; stems long and stiff. Each 75c; dozen, \$7.50.

**MAUDE ADAMS**—The best and most prolific show dahlia grown. Stands hot dry weather best. Blooms early and late. Pure white over-shadowed with lavender pink. If limited to only one dahlia we would choose Maude Adams. Specially good for florists' trade and cut flowers. Only 25c a bulb; dozen, \$2.50.

**MRS. I. DE VER WARNER**—The best known and one of Judge Marean's finest introductions. A wonderful Dahlia that has justly gained a great reputation, produces great masses of absolutely perfect flowers under all conditions. In color it is of that refined pleasing mauve-pink that is usually referred to as an orchid coloring and which everyone loves. The flowers are large, of perfect form, on long stiff stems and are so placed as to show their full profile. It comes into flower early and continues in good shape to the end of the season. Each, \$1.00.

**PATRICK O'MARA (Decorative)**—The color is an unusually soft and pleasing shade of orange buff, slightly tinged with Neyron rose. It is very large, 7 to 9 inches in diameter, and borne on long, strong, erect stems. It is a strong, vigorous grower and free bloomer. The giant flowers are well formed, with good full center, while the outer petals are most pleasingly irregular. Prepaid, each, 50c; dozen, \$5.00.

**MILLIONAIRE (Decorative)**—Very large full regular decorative form. Lavender pink, tinting to white at center. Prepaid, each, 60c; dozen, \$6.00.

**MINA BURGLE (Decorative)**—A champion variety, producing flowers of gigantic size and remarkable beauty. The best in existence; in color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type and borne upon long, wiry stems, well above the foliage. Prepaid, each, 35c; dozen, \$3.50.

**RODMAN WANAMAKER (Decorative-Peony)**—A wonderful color effect in autumn shades and tints; buds are light lemon yellow and as each petal expands the color changes to golden salmon with bronze suffusion. \$1.50 each.

**SAGAMORE**—Rich amber gold, shaded toward the center with salmon rose or orange buff. \$1.00 each.



# SUMMER FLOWERING BULBS

## BEGONIAS

**TUBEROUS ROOTED**—Unexcelled for summer bedding, such as lawn beds and borders. When fully exposed to the sun the beds must be kept moist.  
**SINGLE SORTS**—White, red, orange, salmon, rose. Each, 25c; Dozen, \$2.50. Prepaid.

## MADEIRA VINE

The old favorite, "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size.

Small size, each, 10c; per dozen, \$1.00. Large size, each, 15c; per dozen, \$1.50. Prepaid.

## AMARYLLIS—(Tender)

**BELLADONNA**—Pink. 50c each; 3 for \$1.25, prepaid.

**HYBRIDS OF VITTATA**—The finest type of Amaryllis in cultivation. The flowers are very large and occasionally are pink and rose, although usually red. Sometimes striped. \$1.00 each; 3 for \$2.50, prepaid.

**JOHNSONII**—Red. Each 50c; 3 for \$1.25, prepaid.

## CALLA—(Tender)

**AETHIOPICA**—The well old-fashioned white Calla with green foliage, effective for pots, and easily grown. Each, 30c; Dozen, \$3.00. Prepaid.

**GODFREY**—An improvement on the above type, that throws many blooms per season. Each, 35c; Dozen, \$3.50. Prepaid.

**ELLIOTIANA**—A striking houseplant. The foliage is green, flecked white. The bloom is golden yellow. Each, 35c; Dozen, \$3.50. Prepaid.

## HYACINTHUS CANDICANS

**SUMMER HYACINTH**—Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous; 4 feet high. Prepaid. Each, 15c; Dozen, \$1.50.

## PEONIES

	Prepaid	Each	Doz.
<b>COURONNE DE OR</b> —White, late.....	\$0.50	\$0.50	\$25.00
<b>EDULIS SUPERBA</b> —Early Pink.....	.60	.60	6.00
<b>FELIX CROUSSE</b> —Mid-season Red.....	.75	.75	7.50
<b>FESTIVA MAXIMA</b> —Early White.....	.75	.75	7.50
<b>FRAGRANCE</b> —Late Dark Pink.....	.60	.60	6.00
<b>FRANCOIS ORTEGAT</b> —Crimson.....	.60	.60	6.00
<b>KARL ROSENFELD</b> —Dark Deep Red, extra...	1.50	1.50	15.00

### FANCY LEAVED CALADIUMS

### CALADIUMS—Special Fancy Leaved

For window boxes, show plants or greenhouse growing, this is one of the decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled veined and striped with white, pink and dark red. Bulbs should be started into growth about February 1st in a warm house.

	Each	Doz.
Dry Bulbs, Separate Colors, Prepaid.....	\$0.35	\$3.50
Dry Bulbs, Mixed Colors, Prepaid.....	.35	3.50

# HARDY CLIMBING VINES

## AMPELOPSIS VEITCHII (Boston Ivy)

One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. Prepaid, each, 50c.

## BIGNONIA GRANDIFLORA

**TRUMPET VINE**—Clings to bark or walls; fern-like foliage, orange scarlet; trumpet-shaped flowers. Prepaid, each, 75c; dozen, \$7.50.

## CINNAMON VINE

A beautiful hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high, and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. Price, 2-year-old roots, 15c; 2 for 25c. Prepaid.

## CLEMATIS

**JACKMANNI**—Probably the most beautiful climber in cultivation, with rich, deep, velvety purple flowers. Two-year-old roots, prepaid, each, \$1.00; dozen, \$10.00.

**PANICULATA**—This is a valuable Japanese introduction; one of the finest additions to our list of hardy climbers; a very strong, vigorous plant and as easily grown as the common. Prepaid, each, 50c; dozen, \$5.00.

## CHINESE WISTARIA

Beautiful climber of rapid growth, producing long, pendulous clusters of pale purple flowers, is very hardy. Prepaid, each, 75c; dozen, \$7.50.

## CHINESE KUDZU VINE

**JACK AND THE BEANSTALK VINE**—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old dead trees. Its large, bright green leaves afford a dense shade. It is hardy and will last for many years. Prepaid, each, 50c; dozen, \$5.00.

## HONEYSUCKLE

**HALLEANA**—White, sweet scented. Prepaid, each, 50c; dozen, \$5.00.



CLEMATIS-PANICULATA





# SUMMER FLOWERING BULBS

## HARNDEN'S SELECT CANNA ROOTS

DORMANT 2 TO 3 EYE DIVISIONS

### GREEN FOLIAGE

**CITY OF PORTLAND**—3½ feet. The flowers are of the largest size, borne on heavy trusses. The color is a glowing shade of pink. The foliage is substantial and strong, of rich green color and free from defects. Prepaid, each, 20c; dozen, \$2.00; per 100, \$12.00.

**GOLDEN GATE**—4 feet. The flowers open almost pure gold, but soon become richly rayed with orange-crimson and apricot centering to the throat. Prepaid, each 15c; dozen, \$1.50; per 100, \$10.00.

**ITALIA**—5 feet. Orchid flowering variety. Color scarlet, broadly edged golden yellow. Prepaid, each, 15c; dozen, \$1.50; per 100, \$10.00.

**MRS. ALFRED F. CONARD**—A most remarkable variety, with exquisite salmon pink flowers of largest size in erect and abundantly furnished heads, freely produced; green foliage, 4 feet. (Orchid flowered). Prepaid, each, 20c; dozen, \$2.00; per 100, \$12.00.

### GREEN FOLIAGE

**THE PRESIDENT**—4 feet. This Canna is superior to any other red variety in the quality and also the quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong erect stalks well above the large, rich green foliage. The foliage is entirely free from disease. Prepaid, each, 15c; dozen, \$1.25; per 100, \$7.50.

**YELLOW KING HUMBERT**—The same graceful heart-shaped leaves, but all green, instead of bronze; the same regal type and immense size of flower, but a brilliant yellow instead of red, and produced more abundantly. Although the general effect is yellow, each petal is beautifully spotted with red; without question one of the most handsome varieties in this type. Green foliage; 4 to 5 feet. Prepaid, each, 20c; dozen, \$2.00; per 100, \$12.00.

### BRONZE FOLIAGE

**KING HUMBERT**—Nothing to equal it for "blazy" effects in bedding. Easily ahead of all bronze leaved Cannas, both in foliage and flower. Color fine orange scarlet, flaked carmine. Grows 4 to 4½ feet high and makes fine large clumps. (Orchid-flowered). Prepaid, each, 20c; dozen, \$2.00; per 100, \$12.00.

## LILY BULBS

### AMERICAN AND JAPANESE GROWN



LILIUM SPECIOSUM RUBRUM

The Candidum and the Regale lily bulbs are usually ready for delivery during the latter part of August, September and October. The Candidum lilies should be planted in the early fall. The Regale lily can be planted either in the fall or spring. The other lilies listed on this page are Japanese grown and bulbs usually arrive here about November 25th to December 10th and can be planted as long as the ground is not frozen. Also, can be planted in the spring with equally good results.

Select a well drained spot, dig deep and enrich with well rotted manure. Plant the bulbs from 6 to 8 inches deep according to size. Place some sand under and around bulb and be sure no manure comes in direct contact with bulbs as it is liable to cause them to decay.

	Each	Doz.
<b>AURATUM.</b> (Mammoth bulb). The glorious, gold-banded Lily of Japan. Ivory flowers are thickly studded with yellow; each petal has a golden band .....	\$0.50	\$5.00
<b>AURATUM PLATYPHYLLUM.</b> Undoubtedly the choicest of all Auratum varieties. Enormous white flowers richly spotted yellow. Extra selected bulbs .....	.75	7.50
<b>BATEMANIAE.</b> A vigorous Lily growing three to five feet high. Bears from 5 to 12 orange-red Lilies, sometimes tinged pink, unspotted. July and August .....	.30	3.00
<b>CANDIDUM</b> (Annunciation or Madonna Lily). A hardy garden Lily that is one of the loveliest and best known. The flowers are of a very heavy waxen white with huge yellow stamens, and are very fragrant. Extra large bulbs .....	.35	3.50
Large bulbs .....	.30	3.00
<b>FORMOSUM.</b> (The True Easter Lily). This is the magnificent flower so often forced for Easter, and known as Easter Lily .....	.35	3.50
<b>HANSONI.</b> Sometimes called the Golden or Japanese Turk's Cap. Grows 3 to 5 feet high and produces 5 to 10 clear golden yellow, fragrant blooms, slightly spotted brown. Is easily grown, robust, and permanent. June .....	.75	7.50
<b>HENRYI.</b> (The Yellow Speciosum). A superb new Chinese Lily. A heavy bloomer, its 3- to 5-foot flower stalks often carry 7 to 9 flowers of deep apricot-yellow, spotted with brown ..	.75	7.50
<b>REGALE.</b> Ready in November. A new Lily of remarkable beauty. Color is white, delicately shaded pink with a clear yellow center. Equally well shaped for garden or forcing ..	.50	5.00
<b>SPECIOSUM RUBRUM.</b> Its broad white or pink petals are thickly dotted with rose or carmine spots. Height outdoors in the open usually 2 to 4 feet. ....	.60	6.00
<b>SPECIOSUM ALBUM.</b> Pure white flowers with a greenish band through the center of each petal .....	.60	6.00
<b>TIGRINUM FLORE PLENO.</b> Similar in growth and color to the Tigrinum Splendens, except that the flowers are double. ....	.25	2.50
<b>TIGRINUM SPLENDENS.</b> This is a development of the Tiger Lily. It is sturdier, has better form and larger flower spikes. It blooms during July and August .....	.25	2.50
<b>UMBELLATUM.</b> Colors range from deepest red through all shades of crimson, rose, yellow, buff and apricot .....	.25	2.50



# GARDEN ROSES (Bush and Climbers)

## HYBRID TEA ROSES Field Grown



**ROSES** may be grown in any open, sunny position, if possible, sheltered from north winds and clear of all roots and shrubs. The best soil for roses is sod from an old pasture and well rotted cow manure. Dig the bed deep, as Roses will not do well unless the ground is well drained. Spring is the best time for planting. Throughout the summer the surface of the soil should be cultivated weekly. The Tea and Hybrid Tea varieties can be set 18 inches apart and the Hybrid Perpetual varieties 2 feet apart.

**KILLARNEY DOUBLE WHITE**—A pure white sort of the famous and popular Killarney rose, identical in every way with its parent excepting in color.

**KILLARNEY**—It has all the good qualities demanded in a rose. The buds are very long and pointed and the blooms are large and of lovely flesh color, shaded white and suffused pale pink, deliciously perfumed. Vigorous grower; very free bloomer.

**LADY HILLINGTON**—Deep apricot yellow, beautiful in both bud and flower, vigorous grower, and a free bloomer.

**LA FRANCE**—One of the first Hybrid Tea Roses introduced and still one of the most popular. In color a bright pink on the outside of the petals and a lovely silvery pink on the inside. The growth is vigorous with delightfully fragrant flowers.

**MRS. AARON WARD**—A remarkably floriferous variety of strong, vigorous, but compact growth; the flowers, which are of splendid form, full double, are equally attractive when full blown as in the bud state; in color a distinct Indian yellow, shading lighter toward the edges.

**OPHELIA**—The blooms are large in size, full in form, and of very attractive appearance. The color is light salmon pink flesh, shading to yellow at the base of the petals.

**RADIANCE**—An ideal bedding Rose of American origin that continues to produce its large flowers throughout the most unfavorable summer weather when frequently many other varieties fail; in color a brilliant carmine pink, with salmon pink and yellow shadings at the base of the petals; truly a rose for every garden.

**RED RADIANCE**—A counterpart of Radiance, except in color, which is a clear cerise red, a most valuable addition to our list of bedding Roses.

**SENSATION**—The most brilliant introduction in many years. The flower is of a rich crimson, bearing long pointed buds, opening to extremely large, beautiful, full flowers, which hold their color to the last. The stems are long-jointed and strong, making a most valuable variety for cutting. It is a very strong grower and a profuse bloomer.

**SUNBURST**—A truly great Rose, which is now classed with the American Beauty and Killarney. It rivals Mrs. Aaron Ward, being a rich copper yellow of good size and form. Is a strong grower, and, having long, strong stems, is very fine for cut flowers.

### PRICES (Not Prepaid)

Strong plants of any of the above, by express, each, 50c; any 3 plants, \$1.25; any 6 plants, \$2.25; any 12 plants, \$4.50.

**COLUMBIA**—It is of strong vigorous habit of growth and exceptionally free-blooming. The flowers, which are of good size, are perfect in form, both in bud and when fully expanded. In color it is a most pleasing shade of rose pink and delightfully fragrant.

**GRUSS an TEPLITZ**—This is a rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower and in bloom all the time.

**FRANCIS SCOTT KEY**—Large double flowers of rich crimson-red, a strong grower and very free flowering.

**JONKHEER J. L. MOCK**—The flowers are extra large and of more than ordinary beauty. The bright cheery red on the outside of the broad petals and the shining silvery white on the inside make a double-colored bloom. Fine autumn bloomer and a favorite with all rose lovers.

**KAISERIN AUGUSTA VICTORIA**—As hardy as any of the Hybrid Tea Roses, and blooms from early spring until late frosts; fully as free-blooming as any Tea Rose. Color, delicate creamy white; large, full double flowers and very fragrant. The buds are very long and pointed and the blooms are large and of a lovely flesh color, shaded white and suffused pale pink; delicately perfumed. Vigorous grower; very free bloomer.

## HARDY CLIMBING OR RAMBLER ROSES

Since the introduction of the Crimson Rambler, in 1894, this class of roses has continued to gain in popularity. Many splendid new varieties, both in single and double-flowering forms, have been added during the past years.

**CLIMBING AMERICAN BEAUTY**—Color a rosy crimson, with exquisite fragrance, a quality rarely found in climbing roses. The plant is of strong habit of growth, and as hardy as an oak. The flowers are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season.

**MARY WALLACE**—Named by the Portland Rose Society in honor of the daughter of Secretary of Agriculture Wallace, originated at the Maryland Station of the Department of Agriculture by the late lamented Dr. W. Van Fleet. The Department describes it as a pillar Rose, making a fine strong self-supporting plant 6 to 8 feet high, with large glossy foliage, blooming with great freedom in spring and bearing a considerable number of fine buds in summer and fall. Flowers very large, generally exceeding 4 inches across; well formed, semi-double, of a bright clear rose pink with salmon base to the petals.

**PAUL'S SCARLET CLIMBER**—This new climbing Rose is undoubtedly the most brilliant addition to Roses in many years. It is a vivid scarlet, shaded with bright crimson, and does not burn or fade until petals fall.

**DR. V. VAN FLEET**—A Rose which, on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh pink on stems 12 to 18 inches long; splendid for cutting.

### PRICES

Strong 2 year-old plants, each, 50c; one, each, of the above, \$1.75.





# Harnden's Tested Garden Seeds

FROM THE BEST GROWERS IN THE WORLD

Market Gardeners and Florists

44th YEAR



Ask for Wholesale Book for Florists



44th YEAR

## ASPARAGUS

**CONOVER'S COLOSSAL**—A well-known standard variety, very large, strong shoots of excellent quality. Seed, price prepaid, per pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 75c.

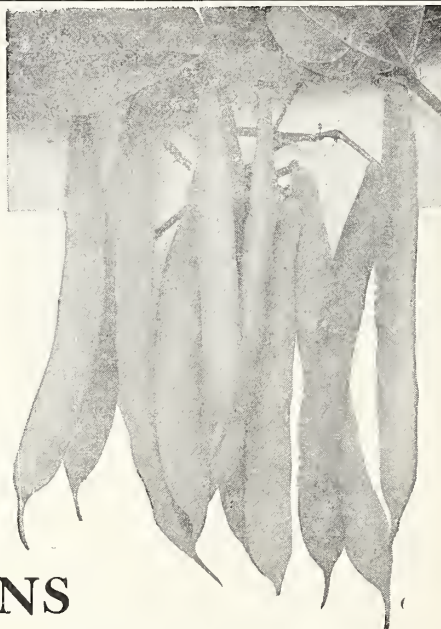
**PALMETTO**—A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. Seed, price, prepaid, per pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 75c.

**WASHINGTON RUST-PROOF ASPARAGUS**—A rapid-growing, heavy-yielding, rust-resisting strain of large, tender asparagus. Especially valuable for commercial growers. Prepaid, pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

### Asparagus Roots

	Doz.	100	1,000
<b>WASHINGTON RUST-PROOF</b> .....	\$0.40	\$2.00	\$12.00
<b>CONOVER'S COLOSSAL</b> .....	.25	1.25	8.50

If by mail, add postage as follows.....Doz., 8c; 100, 35c



## LIMA BEANS

### DWARF OR BUSH LIMA BEANS

**BUSH LIMA**—(Henderson's)—Extremely early; vines are without runners, but continue to grow and set pods until frost. Pods are short and contain two to four beans, which are of fine quality, either shelled or dry. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**BUSH LIMA** (Burpee's)—The bushes grow from 18 to 20 inches high, of stout growth and always erect. It is an immense yielder, each bush bearing from 50 to 200 large, handsome pods, well filled with very large beans. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

### POLE LIMA BEANS

**SMALL, CAROLINA, or SIEVA LIMA**—This is a small type of the Pole Limas. It matures quickly, produces immense crops, and makes an excellent bean for winter use. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**KING OF THE GARDEN LIMA**—Pods medium dark green, very large, five to six inches long, broad, flat, filled with four or five immense white beans of finest quality. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tint. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

### DWARF OR BUSH GREEN PODDED SORTS

**EXTRA EARLY ROUND POD RED VALENTINE**—These plants are of dwarf, compact bush growth, 15 to 18 inches high; very prolific, hardy and early in maturing. Pods medium length, curved, cylindrical, with crease in back; fleshy, crisp and tender. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**GIANT STRINGLESS GREEN POD**—The vines are vigorous and spreading. The pods are large and round, medium green, mature a few days later than those of Stringless Green Pod, average about ¼ inch longer and more nearly straight. The quality is very good for snaps for home use; suitable also for the market. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**STRINGLESS GREEN POD** (Burpee's)—For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight, 5 inches long. The pods are tender, bright and of the finest flavor, entirely stringless. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**BLACK VALENTINE**—An extremely early, vigorous growing green podded variety; earlier than Red Valentine; very long and slender round pods. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust-proof. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**BOUNTIFUL STRINGLESS**—Flat Pod—The plant is very handsome and of sturdy growth, being practically immune to rust and mildew. It is very hardy, early and prolific and continues in bearing for several weeks. The pods are of immense size, rich green, thick, broad, extra long, solid meaty, rich, tender and entirely free from string. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 45c.

**FULL MEASURE**—A green podded variety which has proven very satisfactory in some sections both for the market and home garden. The pods somewhat resemble those of Stringless Green Pod, but a trifle longer and more slender. Pods round, about five inches long, firm but tender, entirely stringless, and of excellent quality. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 45c.

### DWARF OR BUSH WAX PODDED SORTS

**RUST-PROOF DWARF BLACK WAX**—The pods are an attractive medium yellow in color, medium sized, about 4½ inches long, considerably curved, round, very fleshy, crisp, tender and stringless. Seed jet black, longer and more curved than prolific wax. The best extra early wax bean for the home or market garden. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**DAVIS KIDNEY BEAN WAX**—Good bearer; pods are long, rustless and hardy; very tender when young. Postpaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**RUSTLESS GOLDEN WAX**—Vines erect, compact, bearing the pods well up from the ground. Pods of medium length, 4½ to 5 inches, nearly straight, broad, flat, golden yellow, very fleshy and wax-like; cooking quickly as snaps, shelling well when green, and of the highest quality used in either way. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**UNRIVALED WAX**—Pods long, flat, tender and of excellent quality, early. Postpaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.



## BEANS—(Continued)

### POLE OR RUNNING

**CELESTIAL, or YARD LONG**—A good table bean as well as a curiosity. It is very prolific and a rank grower. Should have ample arbor to climb upon. It is of Chinese origin and one of the best vegetables emanating from that source. It is also absolutely rust-proof. Pkt., 15c.

**KENTUCKY WONDER**—Also known as Old Homestead. It is an early, very prolific sort with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching 9 or 10 inches, nearly round and very crisp when young, becoming very irregular as the beans ripen. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c.

**KENTUCKY WONDER WAX**—This remarkable vigorous growing, wax podded pole bean is very similar to the green podded Kentucky Wonder, but the very long pods are a little broader, very fleshy and quite stringless as snaps. The mature pods are often 8 to 9 inches in length. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**LAZY WIFE**—The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. Each pod contains from 6 to 8 round, white beans, which

makes excellent winter shell beans. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**SPECKLED CUT SHORT, or CORN HILL**—An old variety, very popular in the Central and Southern states for planting among corn. It will give a good crop without the use of poles. Vines medium sized, but vigorous, twining loosely with dark colored leaves. Pods short, 3 to 4 inches in length, flat to oval, fleshy and of good quality. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**SCARLET RUNNER**—Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 60c.

**WHITE CREASEBACK**—A fine early, green podded pole bean of rapid growth and very productive. The pods grow in clusters and are from 5 to 6 inches in length, perfectly round and deeply creased. They are very fleshy, stringless and of the best quality. The beans are white and are excellent shelled for winter use. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**WHITE DUTCH CASE KNIFE**—A climbing variety with long, flat, irregular pods, which become creamy white as they mature; seed broad, flat, and clear white. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

## BEETS

**EARLY BLOOD TURNIP, Improved**—A handsome, clean turnip shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. Postpaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 90c.

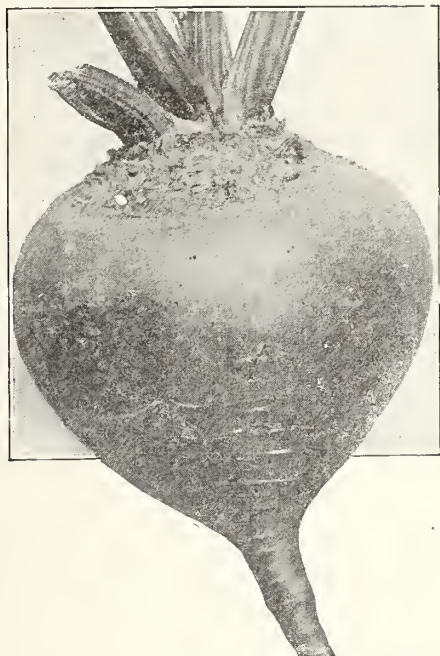
**DETROIT DARK RED**—We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Leaves dark green shaded with red. Root medium size, globular or nearly round, very smooth and of dark blood red color. Flesh is deep vermilion red, zoned with a lighter shade of the same color. Very desirable for bunching. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 90c.

**CROSBY'S EGYPTIAN**—The roots are flattened globe-shaped and very smooth. Exterior color of root bright red. One of the best for early planting outdoors. Much used for bunching. It becomes fit for use earlier than any other variety. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 90c.

**EARLY WONDER**—This is the earliest and most perfectly shaped beet for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, small-sized top and small clean tap-root make it a strong asset in the beet family. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

### SWISS CHARD OR SPINACH BEET

**LARGE RIBBED WHITE**—This does not make edible roots like the regular garden beets, but is grown for the broad white leaf stalks, which are bunched and cooked in the same manner as asparagus, and make a delicious summer vegetable. The young leaves may be gathered also and cooked like spinach. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 90c.



## Mangel Wurzel and Sugar Beets for Stock

### SUGAR BEETS

**IMPROVED WHITE**—Of medium size and brought by careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers and one of the finest for stock feeding, owing to the high percentage of sugar. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 70c.

### MANGEL STOCK BEETS or Corn Saver

**MAMMOTH LONG RED**—Select strain, often growing from

12 to 24 inches in length, weighing from 10 to 25 lbs. It grows well above the ground and is easily harvested. It is of immense size, is enormously productive and profitable when grown on rich deep soil, and is an excellent keeper. This variety will yield more tons per acre than any other. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c; 10 lbs., \$6.50.

**GOLDEN TANKARD**—The flesh is rich deep yellow, differing in this respect from other Mangels, surpassing them in milk-producing qualities. Sheep and other stock thrive on this variety. It yields an enormous bulk on good land. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c; 10 lbs., \$6.50.

### BROCCOLI

**BROCCOLI**—Is cultivated like cabbage, cauliflower and other members of that family. Sow early in the spring, then transplant and set out. It will form heads like cauliflower, but it is more hardy and of a less delicate flavor. It is grown in cold localities to some extent, and also in the South for winter use.

**PURPLE CAPE**—Prepaid, pkt., 10c; oz., 60c.

### BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbage formed on a plant stalk. The delicate flavor is improved by a touch of frost. The culture is practically the same as for cabbage. For late use, sow seed in June.

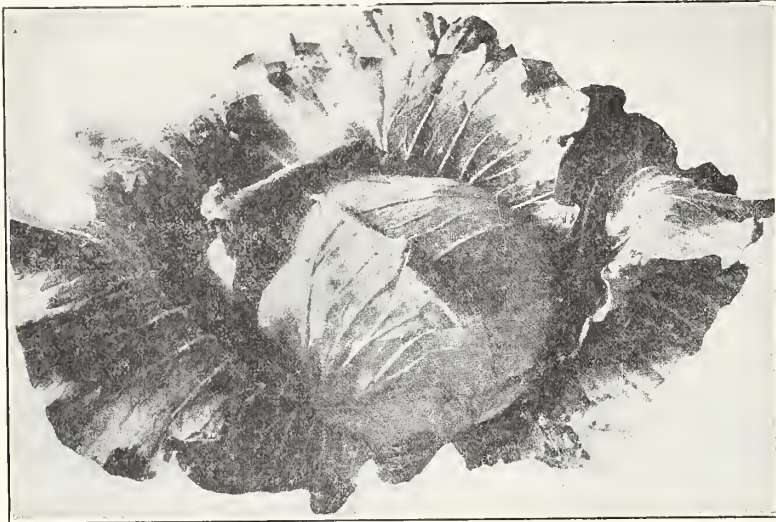
**PARIS MARKET**—Hardy and a heavy yielder. A fine variety originated and grown in Denmark. Prepaid, pkt., 10c; 1 oz., 30c; ¼ lb., 75c; 1 lb., \$2.50.





# CABBAGE

## HARDEN'S SELECT CABBAGE



### SECOND EARLY AND INTERMEDIATE SORTS

**SUCCESSION**—About two weeks later than Early Wakefield. The heads are large, solid, keep well and are of splendid quality. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

**EARLY DWARF ULM SAVOY**—Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 90c.

**ALL SEASONS**—A cabbage that is really early, yet is suited to all growing seasons, under the most adverse conditions. It is almost a sure header, even when planted very late. It keeps well. The heads are large and solid, the leaves small ribbed. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

**GLORY OF ENKHOUSEN**—An early, globe shape, medium size, sure heading and a splendid keeper. Matures right after Copenhagen Market. More uniform and more even maturing than Copenhagen. Prepaid, pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.00.

**ALL HEAD EARLY**—The best early, flat head cabbage, deep, flat, solid heads, uniform in color, shape and size. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

### FIRST EARLY SORTS

**EARLY JERSEY WAKEFIELD**—The earliest and hardiest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

### CHIVES

**CHIVES (Schnittlauch)**—The chives are small members of the onion tribe, leaves very slender and appear very early in spring; can be shorn several times during the season and used for flavoring soups and salads. Plants, 25c per bunch, prepaid. Seed, pkt., 15c; oz., 75c.

### CHERVIL

**CULTURE**—1 oz. to 100 feet of drill. Rows 1 foot apart.

**CURLED**—The young leaves are used in soups and salads. Sow in May and in drills half an inch deep. Prepaid, pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

### CHICORY

**WITLOOF (French Endive)**—An European delicacy now standard in all best hotels and restaurants in the U. S. It is easily grown. Sow in spring; store parsnip-like roots in sand until wanted for growing on in winter; directions on packages. Special strain. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.50.

**LARGE ROOTED MAGDEBURG**—Roots are cut in thick slices, roasted and used as coffee; in spring leaves make good salad. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.60.

### COLLARDS

**TRUE GEORGIA**—This is the wide-stemmed variety, growing 2 or 3 feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure

**CHARLESTON, or LARGE WAKEFIELD**—Similar in every respect to the Jersey Wakefield except that it is much larger and not quite so early. Heads not quite as much pointed. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

**GOLDEN ACRE**—This is a very good selection of the Copenhagen Market type with heads smaller than our re-selected strain. The season is about the same, perhaps a trifle earlier. Very uniform. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$3.00; 1 lb., \$10.00.

**COPENHAGEN MARKET**—Is the earliest, large, round or flat headed sort. The ripening is early and uniform, maturing at one time and almost with Early Jersey Wakefield (oblong head). Considering its early season, the heads are remarkably large, averaging ten pounds in weight. One of its chief features is compactness; its leaves, which are light green, are round, dish-shaped and fold tightly together in remarkably compact and solid form; it is so solid that many more plants can be grown on an acre than is possible with most sorts. It has few outer leaves, which permits close planting, and it grows close to the ground on a short stem. Prepaid, pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50.

### LATE OR WINTER SORTS

**MAMMOTH ROCK RED**—The largest and surest heading red cabbage. The plant is large, with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color. Prepaid, pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**DANISH BALL HEAD**—This splendid variety is remarkable for its solidity and grand keeping qualities. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy. Prepaid, pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.00.

**PREMIUM LATE FLAT DUTCH**—Short stem, rather large outer leaves and is very sure heading. Head uniformly large, flat but deep, solid, and of splendid quality. It is also an excellent keeper. Considered by many the standard, very large late cabbage. Prepaid, pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**ST. LOUIS LATE MARKET**—An extremely large and solid heading variety well suited for fall and winter. It forms large, handsome heads, which will keep in the best of condition for a long time. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00.

### CHINESE CABBAGE

**GENUINE "WONG BOK"**—Big compact, tender and crisp. An excellent Wong Bok. We have found this to be absolutely the best firm-heading Chinese Cabbage to grow during the summer months. It will not scald or burn and will make a head when other varieties fail. We recommend it either for the market gardener, trucker or private planter, as it is a perfect Chinese Cabbage in every respect, not only being in the largest size, but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant, as it does well at all seasons and one is almost sure of getting a crop. It is vigorous and free from insects. Pkt., 15c; oz., 60c;  $\frac{1}{4}$  lb., \$1.60; 1 lb., \$5.50.

the quality of the leaves. Sow thickly in drills where the plants are to remain and when well started thin out to 2 or 3 feet apart in the row. In the South, sow from January to May and from August to October. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

### CORN SALAD

#### FETTICUS OR LAMB'S LETTUCE

**CULTURE**—For winter use, sow shallow in rows 1 foot apart during August or September. The plants are ready for use in six or eight weeks. When winter approaches, give them a very light covering of hay or straw. The plants are hearty and will remain green and fit for use all winter. The seed may also be sown early in spring. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75.

### CRESS

**CURLED, or PEPPER GRASS**—This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills 16 inches apart. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.40.

**TRUE WATER**—This is quite a distinct variety of cress. A small growth may be obtained when planted in soil and kept moist, but thrives best when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. Prepaid, pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

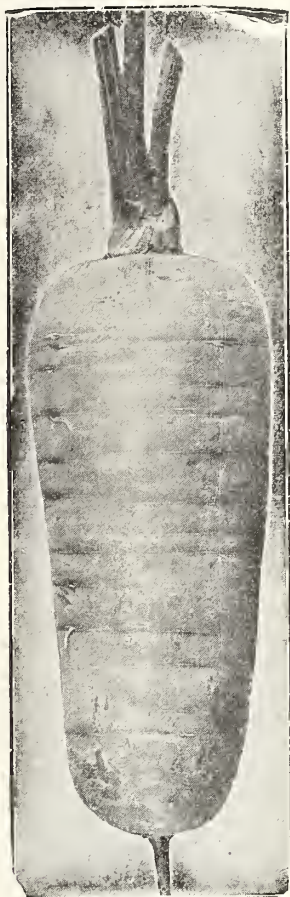


# CAULIFLOWER

**EXTRA EARLY DWARF ERFURT**—A favorite early market variety, very compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. Prepaid, pkt., 25c; ¼ oz., 90c; 1 oz., \$2.50.

**DANISH GIANT (Dry Weather)**—The crop is two or three weeks later than Earliest Erfurt. Heads are pure white weather than any other variety. Prepaid, pkt., 25c; ¼ oz., 90c; 1 oz., \$2.50.

**EARLY SNOWBALL**—Unquestionably the earliest maturing strain of the true short leaved Snowball type of cauliflower. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for these purposes, also one of the best sorts for late summer and fall crop. Early Snowball is, moreover, a most desirable sort for the home garden. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, compact, round, very white and curd-like, and are developed earlier than those of any other sort. Prepaid, pkt., 25c; ¼ oz., 90c; 1 oz., \$2.50.



# CARROT

**DANVERS**—Flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**HALF LONG CHANTENAY**—A stump rooted variety; flesh deep orange color; solid, tender and of excellent flavor. A variety which the market gardeners should plant for their main crop; a heavy cropper. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.25.

**GUERANDE, or OX HEART**—(Stump Rooted)—Comparatively short roots, but often reaching a distance of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.25.

# CELERY

**WHITE PLUME**—This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown. Prepaid, pkt., 10c; oz., 30c; ¼ lb., 80c; 1 lb., \$3.00.

**GOLDEN YELLOW SELF-BLANCHING**—This splendid variety is without doubt the most popular celery grown. It is a self-blanching sort, for with a little banking or covering, even the outer ribs assume a beautiful golden yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. This variety is being very extensively grown for both market and private use. Prepaid, pkt., 10c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$7.00.

# CELERICAC

**GIANT SMOOTH PRAGUE**—A very large and smooth variety, free from side roots. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50.

# CORN—Sweet or Table Varieties

**GOLDEN BANTAM**—Early sweet corn, with yellow kernels; ears 8 rowed, 6 to 7 inches long; heights from 4 to 5 feet. Very sweet and delicious, tender and of excellent quality. One of the best early varieties. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**EXTRA EARLY ADAMS**—This is not a true sweet corn, but produces ears well filled with tender white grains. It is very early and on account of its hardiness and hard round grain, it can be planted much earlier than sweet corn. Prepaid, pkg., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 90c.

**BLACK MEXICAN**—Although the ripe grains are bluish-black, they are remarkably white when in roasting ear state. In tenderness and fine quality, none can surpass it. For family use, we recommend it highly to follow the first early varieties. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**EARLY MAYFLOWER**—A new variety in the West, but raised in large quantities in some of the Eastern states where it is by ten days the earliest Sweet Corn grown, and is always the first variety on the market. It is six inches to a foot dwarfer than Early Corey, but very much larger in the ear, running 8, 10 and 12 rowed, and is considered of much better quality. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**EARLY HOWLING MOB**—Is ready for use only three to five days later than the extra early Adams when both are planted at the same time, but the ears are so much larger in size, while the grains are so much whiter and sweeter, that it should really be compared with the second varieties of a later season. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**EARLY CHAMPION**—The earliest largest sweet corn grown. This variety is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. It is 10 and 12 rowed, and pure white in color; sweet and tender. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**BANTAM EVERGREEN**—A cross between Golden Bantam and Stowell's Evergreen, combining the good qualities of these well-known varieties. It is second early to late in season and produces 8 inch ears, 12 rowed, filled with large, deep grains of good flavor. Prepaid, pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**COUNTRY GENTLEMAN**—A medium late variety of sweet corn, one of the best for private use; kernels very deep, placed irregularly, but compactly on the cob, the cob itself being very small. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**EARLY EVERGREEN**—The best second early sweet corn, possessing every good quality of the Stowell's Evergreen, and resembling it in every respect. Matures 10 days earlier than the Evergreen. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

**STOWELL'S EVERGREEN**—The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.15.

## CUCUMBERS



The striped cucumber beetle can be effectively controlled by dusting the plants carefully with Nico-Dust No. 6. Dusting must be done during a dry period to be most effective.

**JAPANESE CLIMBING**—Throws out strong, grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical in shape; flesh pure white; skin dark green. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

**WEST INDIA GHERKIN**—A very small oval prickly sort, distinct from all others. It is grown for pickles only and must be used when young. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

**HARDEN'S STAY GREEN**—Has a very dark green, square ended fruit. The seeds do not begin to form until the fruits are quite large. Slicers are about two inches thick and ten to twelve inches long when well grown, and are without seeds to injure the quality. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

**THE JUMBO**—A new cucumber that will prove its own value. Similar in type to the Davis Perfect, but more slender, longer, more uniform in shape, and more prolific. An ideal cucumber for the market gardener or home user. Pkt., 15c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

**DAVIS PERFECT**—Color a glossy green. Length, 10 to 12 inches. Slim in shape and of exceptionally good flavor. One of the very best for forcing under glass and also for outdoor culture. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

**EXTRA LONG, OR EVERGREEN WHITE SPINE**—Beautiful in shape and color. Fruit is long and cylindrical, dark green; flesh is white, crisp and tender and of the finest quality. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**IMPROVED LONG GREEN**—A standard late sort; fruit dark green. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.50.

**CHICAGO OR WESTERFIELD PICKLING**—The fruit of this very desirable sort are of medium length, pointed at each end, with very large and prominent spines. The color is deep green. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.40.

**EARLY CLUSTER**—Bears fruits in clusters of two and three. The fruits are short, thick, bright green, shading lighter at blossom end, crisp and tender. This sort is extensively used as a pickling cucumber as well as for slicing. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.40.

**HARDEN'S CHINA-LONG**—Makes perfectly straight fruit, about 20 inches long, and are practically all flesh, containing but very few seeds. The thick flesh is a beautiful white. The fine large, long fruits are extra fine for slicing, but if picked when of small size, they make tasty little pickles. Pkt., 15c; oz., 35c; ¼ lb., \$1.50; 1 lb., \$5.00.

## EGG PLANT

**BLACK BEAUTY**—The earliest of all large-fruited Egg Plants. Black Beauty produces fruits fully as large as and ready for use ten days to two weeks earlier than the New York Improved. The plants branch freely near the ground, and grow in well-rounded bushes. The skin is a rich, lustrous purplish black—the satin gloss and rich coloring add greatly to the beauty. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00.

**NEW YORK IMPROVED (Spineless)**—Usually produces 4 to 6 large oval fruits of a splendid dark purple color. Early, productive and of excellent quality. The vigor and productiveness of the plant and the large size and fine quality of its fruit make it most profitable for market gardeners. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00.

## ENDIVE

**GREEN CURLED**—Very hardy, with dark green curled leaves; tender and crisp. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**BROAD LEAVED BATAVIAN**—Large heads of broad, thick leaves; if bleached, the inner leaves make a fine salad. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

## KALE OR BORECOLE

**DWARF GREEN CURLED (German)**—Finely curled; even more tender after being touched by frost. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

## KOHL RABI

**EARLY WHITE VIENNA**—(Extra for forcing)—Extremely early with distinctly small tops. Bulbs of medium size, very light green or nearly white, and of the best quality if used when not more than 2 inches in diameter. Prepaid, pkt., 10c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.50.

## LEEK

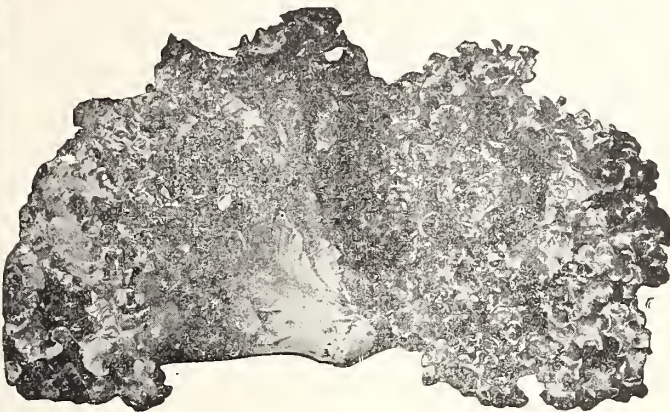
**AMERICAN BROAD LEAF**—This variety is more largely used in this country than any other plant; strong, with broad leaves. Prepaid, pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.



KOHL RABI



# LETTUCE



**GRAND RAPIDS**—(Seed Black)—As a lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list, being of quick growth, hardy, little liable to rot and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges. Leaves do not wilt quickly after cutting so will stand shipping long distances. Desirable for garnishing. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

**EARLY CURLED SIMPSON**—(Seed White)—Leaves light green, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when plants are young. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

**BLACK SEEDED SIMPSON**—A standard outdoor culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender,

slightly ruffled and blistered; the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

**EARLY PRIZE HEAD**—(Seed White)—A large clustering non-heading lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. Leaves are finely curled and crumpled, bright green tinged with brownish red; very crisp, tender and sweet. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

## CABBAGE OR HEADING VARIETIES

**BIG BOSTON**—(Seed White)—Popular for outdoor culture; also much in demand as a compact, large heading, forcing sort. Plant large, very hardy, and vigorous. Leaves broad, comparatively smooth, but wavy at edge, thin, very hard and crisp; color bright light green, the head slightly tinged with reddish brown. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

**COS LETTUCE**—(Seed White)—The Cos lettuce is distinct from the following sorts, having long, narrow, spoon-shaped leaves, which usually fold into loose sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. Leaves yellowish white in color, narrow, upright, folding into a solid head like that of an Early York cabbage; crisp and tender; self-blanching. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

**HANSON**—(Seed White)—One of the most desirable later summer lettuces. The plant is compact and forms a large, cabbage-like head which remains in condition longer than most heading sorts. Outer leaves bright yellowish green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. Inner leaves white, very crisp and sweet. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

**NEW YORK WONDERFUL**—(White Seed)—This very large heading lettuce is desirable not only as a garden variety for summer use, but is much used for fall and winter sorts grown in greenhouses. The plant is large, compact and tight heading. Outer leaves attractive, deep green, broad frilled at edges. The inner leaves form a large head, sweet and tender when in condition for use. Prepaid, pkt., 15c; oz., 35c; ¼ lb., 75c; 1 lb., \$2.50.

## MUSK MELON

### Select Colorado-Grown Seed

**MARYLAND, or EARLY KNIGHT**—Days to maturity, 90. A variety developed by a Mr. Knight of Anne Arundel County, Maryland. It is a melon of excellent flavor, of convenient and attractive size and of beautiful interior color—green edge with light golden yellow. The length will average 7 inches. It is 10 days earlier than Rocky Ford, twice as productive and larger in size. The melons are fine, regular in size and form, nearly round or slightly oval, and very closely netted. The skin is of a light golden hue when fully ripened. Flesh bright green and ripens close to the skin. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50, prepaid.

**HALE'S BEST**—60 Days—This new variety was originated in the Imperial Valley of California. It is a remarkably early melon of fine flavor. The flesh is salmon, exceptionally thick, with a very small seed cavity. The fruits are oval, about 8 by 4½ inches, with a heavy netting, and is slightly ribbed. Hale's Best will be of real value as an early melon. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**HEARTS OF GOLD**—This is an orange fleshed variety of medium size, ideal as a shipping melon and a desirable mid-season sort for the home garden. The fruits are nearly round and are uniformly of medium size. The netting is exceptionally fine and dense, extending over practically the entire surface. The rind is thin, yet very firm, so that the melons arrive in perfect condition in distant markets. The flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

**POLLOCK'S NO. 10-25 RUST RESISTANT**—The melons run very uniform in size, and the exceptionally heavy netting is laced and interlaced over the entire surface, making it an ideal shipper. The flesh is green, shading to salmon about the seed cavity, which is unusually small. The meat is solid and fine grained; flavor unexcelled. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

**EXTRA EARLY HACKENSACK**—A variety possessing all the good qualities of the well known Hackensack, but at least 10 days to two weeks earlier. The melons weigh from 4 to 10 pounds each; are of nutmeg shape, heavily netted and have a light green flesh. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

**BURREL'S GEM**—6 to 7 inches in length and 4 to 4½ in diameter. Well ribbed and covered with a fine grayish netting. Skin a rich dark green with deep orange salmon colored flesh of the finest flavor, sweet and tender. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.25.

**BANANA**—Attains a length of from 18 to 40 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It

looks almost like an overgrown banana, and smells like one, hence its name. Has a peculiar flavor, differing from ordinary musk melons, and by some is considered superior. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**TIP TOP**—A well known, very productive market sort in some sections. The fruits are large, nearly round, slightly ribbed and fairly well covered with shallow netting. The skin is light yellow when the fruit is mature. The flesh is deep yellow, rich and highly flavored. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

**MONTREAL NUTMEG**—The large fruits are nearly round in form, slightly flattened at the ends, with very large, broad, heavy ribs. Dark green skin, thickly covered with heavy netting. The flesh is two inches thick, light green, melting, and of delicious flavor. The largest melons in our list, often weighing 7 to 8 lbs. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 60c; 1 lb., \$1.75.

**OSAGE, or MILLER'S CREAM**—A medium to large sized salmon fleshed melon of excellent quality. The fruits are oval, dark green in color, slightly ribbed and partly covered with shallow gray netting. The flesh is salmon colored, fine grained and highly flavored. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

**ROCKY FORD**—Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from 1½ to 2 pounds; skin green and thickly netted; flesh of a light green color and very sweet. The most popular shipping variety grown. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.25.

**HONEY DEW**—The fruits are of medium size, round or slightly oval, five to six inches in diameter and weigh about six lbs. each. The skin is smooth with an occasional net and when fruits are ripe is creamy yellow in color. Flesh light emerald green, fine grained and of very sweet, sugary flavor. Rind thin, but very firm and the fruits stand shipping remarkably well. If picked shortly before fully mature, the fruits will keep for several weeks. Matures about two weeks later than Rocky Ford. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$2.00.

**MANGO MELON (Vegetable Peach)**—Golden yellow, resembles an orange in shape and size; the flesh is snowy white. They make splendid mangoes, stuffed like peppers. For sweet pickles, pies and preserving. Prepaid, pkt., 10c; oz., 20c.

**GARDEN LEMON**—Fruits short, nearly round, with yellow and green marking, skin smooth, flesh tender, sweet, melon flavor. Best when turning yellow. Prepaid, pkt., 10c; oz., 20c.



## WATERMELONS

**KLECKLEY'S SWEET**—Large, oblong melon; skin dark green; flesh bright scarlet, very sweet and sugary; one of the best melons that has been offered. If you have a home garden you can't afford to be without this. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**HALBERT HONEY**—Dark rich colored skin, regular in shape, crimson meat, small white seed—a very fine melon for home use; fully equals Kleckley's Sweet. Prepaid pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**TOM WATSON**—An extra long melon of attractive appearance. Average melon weighs from 35 to 40 lbs. The crimson fruit is sweet as honey. Very prolific. Produces the large, luscious fruit in great abundance. The rind is very thin, but exceedingly tough and on this account is a very good shipper. The skin is dark mottled green. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**IRISH GREY**—In sweetness, it is like Kleckley's Sweet; in shipping quality, uniformity in shape, size and in productiveness it compares with Tom Watson. The thin rind is so tough it will not burst from rough treatment in transit; its keeping quality will appeal to shippers

who have experienced losses on account of glutted markets. The color is a distinct mottled greenish grey; the flesh is red, sweet, and crisp and free from stringiness. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**GYPSY or GEORGIA RATTLESNAKE**—Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**HARRIS' EARLIEST**—A splendid large, extra early melon of exceptionally fine quality. Fruit uniform in shape, slightly oval with irregularly mottled broad stripes of light and dark green. Flesh bright red, sweet and tender. Seed black. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**CITRON, for PRESERVES**—This melon is used exclusively for making preserves. The flesh is thick and clear white, and makes preserves of excellent quality. Cultivation similar to watermelons. There are two varieties, one with red seed and the other with green. We offer either kind at following prices, by mail. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

## MUSTARD

**SOUTHERN GIANT CURLED**—Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark green leaves, edges of which are finely curled. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**BROWN OR BLACK**—The common small seeded variety; more pungent than the white. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**WHITE**—Best for culinary purposes and for salads. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**OSTRICH PLUME**—The leaves are long, ruffled and curled as gracefully as an ostrich plume. Is especially good

as a salad and as greens, equal to spinach. The leaves are very ornamental. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**CHAMPION MOSS CURLED**—The plants, of vigorous growth, have beautiful dark green leaves which curve outward like a fine ostrich plume. It stands well, even during the hot summer months. By making several sowings a few weeks apart a continuous growth of fresh tender leaves may be had throughout the entire season. Even those who do not care for mustard as a piquant salad will be delighted with the leaves of Moss Curled cooked like spinach. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

## OKRA OR GUMBO



### PERKINS' MAMMOTH LONG

**POD**—A new okra, esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large, handsome, green pods; fine quality; very productive; 4 to 5 feet tall. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**WHITE VELVET**—The pods of this variety are not ridged or square edged but are round and smooth and much larger than the other sort. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**DWARF GREEN**—Plants of dwarf, stock growth, wonderfully prolific and mature pods ready for use ten days to two weeks earlier than the tall varieties; pods 3 to 4 inches in length and heavily ridged. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 20c; 1 lb., 60c.

## MUSHROOM SPAWN

**CULTURE**—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat; make out of this compost a bed 8 to 10 inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes 2 to 3 inches deep, and 6 inches apart each way; cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole bed with 2 inches of fresh loam and over this spread 3 or 4 inches of hay, straw or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant 8 or 9 square feet.

**PURE CULTURE SPAWN**—1 brick, 25c; prepaid, 35c. A brick weighs about 1½ lbs. By express or freight at purchaser's expense, 10 bricks, \$2.25.

## PARSNIPS

**HOLLOW CROWN, OR GUERNSEY**—Smooth, large roots, sweet and of most excellent flavor. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

## PARSLEY

**CHAMPION MOSS CURLED**—This a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Owing to its uniformity, fine, deep green color and very attractive foliage, this is one of the most popular sorts for both the market and home garden. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

**PLAIN**—The leaves of this variety are flat, deeply cut, but not curled. Very desirable for flavoring soups and stews and for drying. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

**TURNIP ROOTED**—A fleshy rooted variety. Prepaid, pkt., 10c; oz., 20c.



# ONIONS

**SOUTHPORT WHITE GLOBE**—One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended; one of the best varieties to sow for early bunching. Prepaid, pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

**SOUTHPORT RED GLOBE**—Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers; of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Prepaid, pkt., 10c; oz., 35c; ¼ lb., 75c; 1 lb., \$2.25.

**MAMMOTH SILVER KING**—An Italian variety of special merit; remarkably early, of large size and fine quality. A popular variety in the South, where it grows to an enormous size; white flesh; shape flat; mild and delicate flavor. Prepaid, pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$3.00.

**YELLOW GLOBE DANVERS**—One of the most extensively used main crop yellow onions. Bulbs of medium to large size, uniformly globe-shaped with small neck, and ripen very evenly. Skin rich coppery yellow; flesh creamy white, crisp, and of mild and excellent flavor. Keeps well; excellent for shipping. Prepaid, pkt., 10c; oz., 35c; ¼ lb., 75c; 1 lb., \$2.25.

**LARGE RED WETHERFIELD**—The standard variety so largely used for commercial purposes, good size; an immense yielder; deep red color; fine keeper. Prepaid, pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

**WHITE PORTUGAL, or SILVERSKIN**—An early flat, white variety, mild flavor; excellent for growing sets; one of the best for pickling. Prepaid, pkt., 10c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.50.

**PRIZE TAKER, or SPANISH KING**—Like nearly all Spanish onions, this makes extra large size onions and of particularly fine flavor. The outside skin is a rich yellow straw color, and the flesh is pure white; sweet, mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Prepaid, pkt., 10c; oz., 35c; ¼ lb., 75c; 1 lb., \$2.50.

**BERMUDA ONION SEED FROM TENERIFFE WHITE BERMUDA**—Although this is called white, the onion is really of a pale or straw yellow color. The onions are of large size, very mild and easy to grow. Prepaid, pkt., 10c; oz., 30c; ¼ lb., \$1.40; lb., \$5.00.

**CRYSTAL WHITE WAX**—This is the large, flat, pure white onion which is shipped in such large quantities from Texas each season. It matures early and is extremely mild and sweet. Prepaid, pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.75; lb., \$6.50.

PRICES ON LARGER QUANTITIES ON REQUEST

## BERMUDA ONION PLANTS

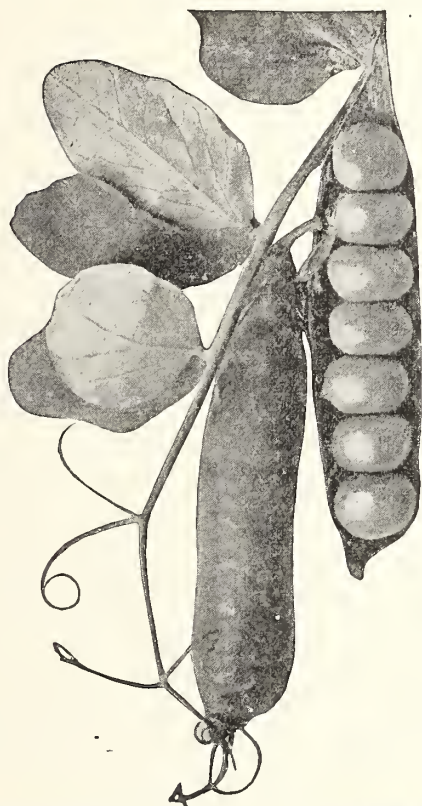
	Per 100	Per 500	Per 1,000	Per Crate of 6,000
Yellow Bermuda	\$0.15	\$0.60	\$1.00	\$6.50
Crystal White Wax	.15	.60	1.00	6.50

Plants ready about March 1st

## ONION SETS

Write for special prices on large lots. Prices variable.  
Top sets, 28 lbs per bushel; bottom sets, 32 lbs. per bushel.

	Prepaid Qt.
Bottom Sets, Yellow	\$0.25
Bottom Onion Sets, Red	.25
Bottom Onion Sets, White	.25



# PEAS

large podded peas, in earliness within a day or two of the earliest of all, containing 7 or 8 very large podded peas, of the richest flavor. Height, 3 to 3½ feet, and one of the finest ever introduced. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**HARDEN'S ELECTRIC**—The earliest wrinkled pea and largest podded of the dwarf varieties. The pods mature very nearly as early as those of Nott's Excelsior, but are broader and with the foliage distinctly lighter green. Pods large for so early a variety, 2¼ to 3 inches long. Vines about 14 to 16 inches high. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**AMERICAN WONDER**—The earliest of the wrinkled sorts; grows about 9 inches high and is covered with well-filled pods, often containing 7 or 8 tender and sweet peas. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**NOTT'S EXCELSIOR**—It resembles the American Wonder, but the vines are larger and more vigorous. Height 12 inches. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**GRADUS, or PROSPERITY**—The earliest large podded pea in cultivation; the immense pods are as large as those of the Telephone; uniformly well shaped, nearly round and well filled with large, handsome peas. The vine has heavy stems, with large dark green leaves; grows 3 feet in height. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**LITTLE MARVEL**—It is dwarf, about 15 inches high, plants are very productive, bearing many twin pods, which are dark green. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**HARDEN'S FIRST AND BEST**—The earliest and most even strain of white, extra early peas of medium height, about 2½ to 3 feet, bearing 3 to 7 straight pods of good size, about 2½ to 2¾ inches long, each containing 5 to 7 medium sized, smooth peas of fair quality. Seed small, smooth, yellowish white. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**EARLIEST OF ALL, or ALASKA**—Vines medium height, about 2½ to 3 feet and of distinctive light color. Pods of good size, about 2½ to 2¾ inches long filled with light green peas of good flavor. Seed small, smooth and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

## LATE VARIETIES

**LARGE WHITE MARROWFAT**—The vines of this variety are about 5 feet high and of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow. The variety is excellent for summer. Prepaid, pkg., 10c; ½ lb., 20c; 1 lb., 35c.

**EVERBEARING**—Grows from 1½ to 2 feet high, of branching habit, pods from 3 to 4 inches long, containing from 6 to 8 of the very largest peas, of particularly rich flavor. Unsurpassed in quality and very productive, continuing a long time in bearing. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

## FIRST AND EARLY VARIETIES

**LAXTONIAN**—A new, early pea of small size and exceptional quality. The vines are dwarf, growing from 15 to 20 inches, but the pods are from 4 to 4½ inches long, of bluish green color, and pointed at the end. Each pod contains from seven to ten peas of very large size and delicious flavor. You will be delighted with them. Prepaid, pkt., 10c; ½ lb., 25c; lb. 40c.

**McLEAN'S LITTLE GEM**—An early dwarf pea, of superior flavor and very prolific. Height 14 inches. Prepaid, pkg., 10c; ½ lb., 25c; 1 lb., 40c.

**THOMAS LAXTON**—Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early



## PEPPERS

### SWEET OR MANGO PEPPERS

**WORLD BEATER**—A large-sized scarlet pepper as early as Ruby King, but larger and broader at the blossom end. The thick flesh makes it a fine shipper. It is quite mild in flavor and the plants are very prolific and give heavy yields of attractive peppers. Prepaid, pkt., 15c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$6.00.

**HARRIS' EARLIEST GIANT PEPPER**—The plant is of very dwarf, compact growth and is usually so loaded with fruit that it is a marvel the plant can support it. We have counted as high as eighteen fruits on a plant growing but 18 inches in height. The peppers are of good form, about 4 inches long, 2 to 2½ inches in diameter, and very mild and sweet. Prepaid, pkt., 15c; oz., 75c; ¼ lb., \$2.50; 1 lb., \$8.00.

**RUBY KING**—The peppers are of a bright ruby red color, from 4½ to 6 inches long, by 3½ to 4 inches in diameter. Flavor mild, and can be sliced and eaten with pepper and vinegar like tomatoes. Prepaid, pkt., 10c; oz., 60c; ¼ lb., \$1.50; 1 lb., \$5.00.

**PIMENTO**—The fruits of this variety are exceptionally smooth and glossy, of good size, medium length and attractive color. The flesh is very thick and solid, mild and very fine flavor. Desirable for salads and stuffed peppers. The plants are vigorous and upright, about two feet high, with short, broad dark green leaves. The fruits are deep green when young, becoming deep red when they mature. Prepaid, pkt., 10c; oz., 60c.

**CHINESE GIANT PEPPER**—One of the very largest and best mango peppers; mammoth size, splendid shape, bright glossy pods; mild flavor. Very shy seeder. Prepaid, pkt., 10c; oz., 60c; ¼ lb., \$2.00.

**IMPROVED BULL NOSE OR SWEET MOUNTAIN**—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent red, and when ripe use for pickles and pepper sauce. 15c; oz., 75c.

### HOT PEPPERS

**TRUE RED CHILI**—Very piquant and prolific; small slim fruits, generally used for making pepper sauce. Prepaid, pkt., 10c; oz., 50c.

**TOBASCO**—The plants develop into large bushes, bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. Prepaid, pkt., 10c; oz., 50c.

**LONG RED CAYENNE**—Pods small, cone shaped, scarlet red, and when ripe use for pickles and pepper sauces. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50.

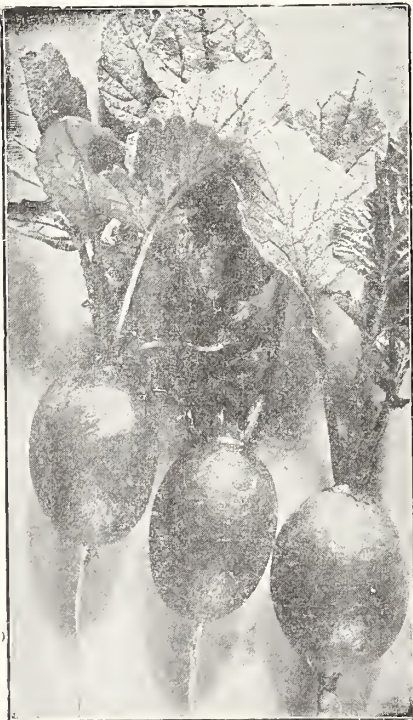
**BIRD'S EYE, or CREOLE**—The smallest fruited of all hot peppers. Fruits are very small, egg shaped, and very pungent. Excellent for the home garden, as it can be used in making of chili or tobasco sauce. Prepaid, pkt., 15c; oz., 75c.

## RADISHES

### HARDEN'S SELECTED RADISH SEED

**HARDEN'S EARLY SCARLET TURNIP, White Tipped**—One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It will give entire satisfaction where extreme earliness and small tops are not the chief consideration. Roots nearly round, slightly flattened on the under side, clove very deep scarlet with a distinctly white tip. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**HARDEN'S EARLY SCARLET GLOBE**—The roots of this variety are slightly olive-shaped, a rich bright scarlet in color; flesh white and tender. We especially recommend this to gardeners as a large, first early forcing radish. It is also very desirable for first early planting outdoors. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.



**CRIMSON GIANT TURNIP**—The best radish for forcing or for early planting out of doors; will grow larger and remain solid longer than any other round, red forcing radish. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**EARLY SCARLET TURNIP**—A round, red, turnip-shaped radish with small tops and of very quick growth, deserving general cultivation on account of its rich scarlet red color and white crisp and tender flesh. Very desirable for early outdoor planting, as well as for forcing. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**SPARKLER**—Rich carmine color with pronounced tip of purest white. The roots even when fully developed, are solid, crisp and sweet. It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small, they are sufficiently large for bunching. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**EARLY LONG SCARLET, SHORT TOP, IMPROVED**—This is a standard, most excellent sort, either for the home garden or the market. Tops short and comparatively small. Roots smooth, slender, uniform in shape and very attractive bright red in color. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**ICICLE**—The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet, and continue to grow for a long time fully retaining their tenderness and mild flavor until quite large. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

**WHITE STRASBURG**—A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

### WINTER VARIETIES

**ROSE CHINA WINTER**—One of the best fall radishes; a favorite with market gardeners. Bright rose color, flesh white, firm and of superior quality. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

**ROUND BLACK SPANISH**—Skin black, flesh white; roots round—very compact and pungent, but well flavored. Keeps well through the winter. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

**LONG BLACK SPANISH**—One of the latest and hardiest long radishes, especially adapted for winter use. Roots rather long, thick, almost black, with white flesh. Prepaid, pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.





## PUMPKINS

**SMALL SUGAR**—Handsome and prolific; of small size, average about 10 inches in diameter. Skin deep orange yellow. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**CONNECTICUT FIELD**—One of the best for field culture; can be grown with corn, largely used for stock feeding. Deep, rich yellow color. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c;

**LARGE CHEESE, or KENTUCKY FIELD**—A popular variety in the South. Fruit flattened; skin mottled light green and yellow; flesh tender; excellent quality. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 65c.

**KING OF THE MAMMOTH**—This is the genuine King of the true Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 pounds and over. The flesh and skin are of a bright, golden yellow color; of excellent quality and a splendid keeper. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

**SWEET POTATO**—Pear shaped, medium sized; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**CUSHAW**—A prolific variety; large size, frequently weighing 60 pounds and over; white striped and mottled with green. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

## SQUASH

### SUMMER VARIETIES

**MAMMOTH WHITE BUSH SCALLOP**—An early flat, scalloped variety, pure white; favorite early sort. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25.

**GIANT SUMMER CROOK NECK**—Early, rough, warty surface, orange yellow; good quality. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25.

**DELICATA**—The earliest and most prolific of the vine squashes, and although of small size, the flesh is wonderfully solid, with a small seed cavity. It cooks dry and is rich flavored. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25.

**ITALIAN VEGETABLE MARROW (Cocozella)**—A summer bush variety; fruit oblong, 12 to 16 inches long and 5 inches in diameter. Color dark green, marbled with yellow stripes, five furrowed ribs length of fruit. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**FORDHOOK, BUSH—60 Days**—Adapted for either summer or winter. Size of fruits about 8x3 inches. Skin light cream, ridged or scalloped. Flesh very thick and sweet. A prolific producer. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

### WINTER VARIETIES

**WARTED HUBBARD**—The principal late squash for commercial purposes. An improvement on the old Hubbard. Skin heavily warted. The best late squash to plant for general crop. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.25.

**GOLDEN HUBBARD**—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow; very showy and attractive. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50.

**BANANA—(110 Days)**—Fruit whitish-green; 2 to 3 feet long, fine flavor. Fine, mealy texture, flesh thick and tender, deep golden yellow. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50.

## RHUBARB OR PIE PLANT

**VICTORIA**—Large and tender. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75.

### RHUBARB ROOTS

Large roots, each 15c; two for 25c; per dozen, \$1.50. Small roots, each 10c; 3 for 25c; per dozen, 75c; add 20c per dozen if to go by mail.

## SALISFY or Vegetable Oyster

**MAMMOTH SANDWICH ISLAND**—This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Prepaid, pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00.

## SPINACH

**PRINCESS JULIANA**—Large, crumpled dark green leaves, suitable for summer or autumn planting. We are convinced that the Princess Juliana Spinach will become the most popular variety on the market, not only for its rapid, uniform growth and delicious and tempting flavor, but also because it remains in prime condition longer before bolting to seed than any other sort. Prepaid, pkt., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**BLOOMSDALE, or SAVOY LEAVED**—Leaves large, curled and wrinkled, like Savoy cabbage; very hardy. Prepaid, pkt., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c.

**ROUND THICK LEAF**—Good for either fall or spring sowing; very hardy; leaves large, round, thick. Prepaid, pkt., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c.

**NEW ZEALAND**—Unlike other spinach, it thrives during hot weather or in any soil. The tender shoots are of good quality and may be cut through the summer. Plant 3 or 4 seeds in hills two feet apart each way. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



# HARNDEN'S SELECTED TOMATOES

## Best New Jersey Grown Seed—Early and Late—Every Type and Size



STAKED PLANTS YIELD BETTER

### TALL OR VINING KINDS

**JOHN BAER**—The largest fruited, smoothest, finest in quality of the extra early tomatoes. Vines short, vigorous and enormously productive; they ripen a much larger crop in the early part of the fruiting season than any other extra early variety. Fruits globular, unusually uniform and smooth. Free of wrinkled, cracked fruits. The color is a beautiful bright scarlet. Prepaid, pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00.

**BONNIE BEST**—A beautiful second early large red tomato. The Bonnie Best is a vigorous grower, quite prolific, with abundant foliage which protects the fruit from the hot sun. Color is a bright scarlet. The tomatoes are very uniform in size and perfect in shape. The smoothness and color make them very attractive and therefore they sell readily on the market. The Bonnie Best is splendid for home gardens. Matures in 100 days. Prepaid, pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25; 1 lb., \$4.00.

**CHALK'S EARLY JEWEL**—Within a week or ten days as early as the famous Spark's Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Of compact growth. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.25; 1 lb., \$4.00.

**CRIMSON CUSHION, or BEEFSTEAK**—Fruit large; color bright scarlet; flesh solid and of good quality; cells small and few in number; very productive; fruit finely formed and of handsome appearance. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.50.

**EARLIANA**—This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent variety, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.00.

**NEW GLOBE**—It is of a beautiful globe-shape, with quite a percentage of elongated fruits, which permits of a greater number of slices being taken than with flat-fruited sorts. Among the very first to ripen, although of large size, very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. A good general cropper, and one of the very best for greenhouse growing, or first-early crop. Prepaid, pkt., 15c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00.

### TALL OR VINING KINDS—(Continued)

**GOLDEN PONDEROSA**—This is yellow Ponderosa equal in size to that magnificent variety. Sliced and served with the Purple Ponderosa, it makes a highly decorative and appetizing salad. Prepaid, pkt., 10c; oz., 75c; ¼ lb., \$2.00.

**JUNE PINK**—The Best Extra Early Pink—In many perhaps the greater number of market, a pink early tomato is most desired; this is the earliest of the pink varieties and is similar in habit to the famous Earliana. Prepaid, pkt., 10c; oz., 40c; ¼ lb., \$1.40; 1 lb., \$4.00.

**McGEE**—Originated in Texas. Bright crimson, solid, and of good flavor. Yields splendid crops where other sorts fail. Especially recommended for black land. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.75, postpaid.

**MARGLOBE**—This special strain of Marglobe is a remarkable pure scarlet, globe-shaped variety of extra large size and early maturity. It is resistant to nail-head rust and fusarium wilt. Attractive, solid and tasty. Prepaid, pkt., 15c; oz., \$1.00; 4 ozs., \$2.25; 1 lb., \$7.50.

**MATCHLESS**—A large, bright red tomato; fruit large, smooth and symmetrical, flesh bright red color. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.00.

**NEW STONE**—Large, smooth tomato; color bright scarlet; ripens evenly on the stem; solid; an excellent shipper; very productive; fine for canning. Prepaid, pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$3.50.

**PONDEROSA**—This is one of the largest varieties. Although somewhat irregular in shape it is good, both as a slicing tomato and for stewing. The fruits are of a purplish pink color; very solid and ripens early, continuing to do so until frost. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00.

**REDHEAD**—An early deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. Prepaid, pkt., 15c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00.

**TRUCKERS' FAVORITE**—The finest large fruited purple tomato. Most regular in form and size, thick meat and very solid; this is one of the largest smooth tomatoes grown. Well ripened throughout. The fruits continue of large size to the very last. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.25; 1 lb., \$4.00.

### DWARF VARIETIES

**DWARF PONDEROSA**—Dwarf plant and giant fruit. The fruit has the mild sweet flavor of Ponderosa, is also very large and meaty, with very little core. It is deep purplish-crimson in color and belongs to the later-fruited types. Prepaid, pkt., 10c; oz., 60c; ¼ lb., \$1.75; 1 lb., \$5.50.

**DWARF CHAMPION**—A good sort for the home garden. Owing to its dwarf habit and upright tree-like growth it is a great favorite. It is of medium size, very smooth purplish pink, symmetrical, flesh very solid. Prepaid, pkt., 10c; oz., 45c; ¼ lb., \$1.50; 1 lb., \$4.50.

**DWARF STONE**—Is large dwarf tomato and resembles Dwarf Champion in habit, but is of stronger growth and more erect. The fruit is red, in shape and size similar to Tall Stone. The season is nearly as early as Dwarf Champion, but the fruits are twice the size of that sort. Prepaid, pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

**DWARF GIANT**—Dwarf Giant is the largest fruited of all dwarf varieties. Individual fruits weigh up to 20 ounces each. They are smooth and of somewhat flattened type. The color of the skin is a rich purple-crimson maintained evenly over the entire fruit. The flesh is extremely firm and thick. The color of the flesh is a beautiful bright pinkish red. Prepaid, pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25; 1 lb., \$7.50.

### SMALL-FRUITED TOMATOES

**YELLOW PEAR**—A pear-shaped variety, used for preserving. Vines are very heavy yielders. Prepaid, pkt., 10c; oz., 60c.

**YELLOW PLUM**—Fruits plum-shaped, of clear, deep yellow color; flesh yellow and finely flavored. Much esteemed for preserves. Prepaid, pkt., 10c; oz., 60c.

**RED PLUM**—About same size and shape as Yellow Plum, only red in color. Prepaid, pkt., 10c; oz., 75c.

**YELLOW HUSK, or GROUND CHERRY**—Very sweet, mild flavor; used for preserves. Vines low and spreading. Fruits small, about one-half inch in diameter enclosed in a loose husk. The seed we offer is that of the true Yellow Ground Cherry, not the purple fruited sort that is scarcely edible. Prepaid, pkt., 10c; oz., 75c.



## TURNIPS

**PURPLE TOP WHITE GLOBE**—Improved variety of Purple Strap Leaf, globular shaped, smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**EARLY PURPLE TOP STRAP LEAF**—Flat white with purple top, fine grained and exceedingly tender; it is claimed by all gardeners to be the best for early spring or fall sowing because of its extreme earliness. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb. 25c; lb., 75c, postpaid.

**EXTRA EARLY RED TOP MILAN**—The earliest strap-leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.50.

**EARLY SNOWBALL**—Nearly round, medium size, of fine appearance with a smooth white skin, maturing very early, being ready in 6 to 8 weeks. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**SEVEN TOP, or FORESTER (Winter Green)**—Used extensively in the South for winter green; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## RUTABAGAS OR SWEDES

**PURPLE TOP YELLOW**—Leading yellow variety; very productive, solid and excellent flavor; the roots grow to a large size, and are of the finest quality; unsurpassed for stock feeding. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., 85c.

## TOBACCO

### One Ounce of Good Seed is Sufficient for an Acre

**CULTURE**—Sow seed for plants early in spring in frames or seed bed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

**WHITE BURLEY**—This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers. Prepaid, pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75.

**MISSOURI BROAD LEAF**—Extensively grown in Kansas and Missouri; the large broad leaves are used for the wrappers. Prepaid, pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75.

## HERBS

**ANISE (Annual)**—Cultivated for its seeds and its leaves, which have a fragrant, agreeable scent, and a pleasant taste. Pkt., 10c; oz., 35c.

**CARAWAY (Kuemmel)**—The seeds are useful for flavoring. Pkt., 10c; oz., 20c.

**CHERVIL**—Annual—Used for soups and salads. Pkt., 10c; oz., 25c.

**CORIANDER**—Annual—Its tender leaves are sometimes used for soups and salads. Pkt., 10c; oz., 20c.

**DANDELION (Loewenzahn)** — Perennial — Cultivated for greens, an excellent tonic. Pkt., 10c; oz., 25c.

**DILL**—Annual—Cultivated for its seeds, which are used medicinally, and for flavoring pickles. Pkt., 10c; oz., 15c; lb., 90c.

**HOREHOUND**—Perennial—Of strong and aromatic smell, used as a tonic. Pkt., 10c; oz., 50c.

**LAVENDER**—Perennial—Cultivated for its fragrant flowers and aromatic leaves. Pkt., 10c; oz., 75c.

**SAGE**—Perennial—Tea made from these leaves is an excellent means of producing sweat. Pkt., 10c; oz. 50c.

**SORREL**—Perennial—Broad leaves. Used in soups and salads and sometimes cooked like spinach. Pkt., 10c; oz., 30c.

**SWEET BASIL**—Annual—The leaves are used for highly seasoned dishes as well as in soups, stews, and sauce. Pkt., 10c; oz., 25c.

**SWEET FENNEL**—Perennial—Tea made from the seed is an excellent remedy in case of colic and stomach complaints. Pkt., 10c; oz., 25c.

**SWEET MARJORAM**—Biennial—The leaves are used in soups, the seeds in the manufacture of sausage, an aromatic of sweet flavor. Pkt., 10c; oz., 50c.

**SWEET THYME**—Perennial—Thyme tea is an excellent remedy for nervous headaches. Pkt., 10c; oz., 60c.

**WORMWOOD**—Perennial—Used for medicinal purposes. Beneficial to poultry and should be planted in every poultry yard. Pkt., 10c; oz. 30c.

## VEGETABLE PLANTS

We will have the following vegetable plants all grown from our own seed ready for delivery about April 1st, weather permitting. All plants grown from our own seed under our supervision. Prices on application.

### CABBAGE

Copenhagen Market

### EGG PLANT

Black Beauty

### TOMATOES

Dwarf Champion

Dwarf Stone

Earliana

Ponderosa

Chalk's Early Jewel

Bonny Best

Crimson Cushion or Beefsteak

Yellow Pear

### ONION PLANTS

White Bermuda

Crystal White Wax

### PEPPER

World Beater

Chinese Giant

Ruby King

Long Red Cayenne

Pimento



# FARM SEED DEPARTMENT

**PRICES** Prices of Farm Seeds often change and when in the market ask for MONTHLY PRICE LISTS WHICH ARE COMPLETE and WE GLADLY SEND FREE. K. C. BRAND—The Best Recleaned, Tested Seed.

## Benefits of Inoculation

The principal reasons for inoculation can be stated in five short paragraphs, viz:

First—Inoculated legumes take nitrogen from the air to supply the plant, resulting in faster growth, earlier maturity and larger crops.

Second—Inoculated legumes take up more nitrogen than the plant itself requires, the surplus remaining to the benefit of future crops.

Third—Inoculated legumes develop larger root systems than when not inoculated and therefore reach the immense store of potash and phosphorus in the subsoil, bringing them up to supply the plant. When

the roots and stubble decay these elements are also returned to the soil in a form available for future crops.

Fourth—Inoculated, legumes, by taking their nitrogen from the air, save the soil. When not inoculated they drain the soil of its nitrogen just the same as wheat or timothy or other non-leguminous plants.

Fifth—Inoculated legumes contain more protein matter than when not inoculated, greatly increasing their feeding value.

Summary—Inoculation hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

## ALFALFA

### ALFALFA

#### Hardy Utah Grown Seed

We recommend sowing 20 lbs. seed to the acre.

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.33	\$0.28	\$26.50

### GRIMM-ALFALFA

This new hardy northern grown alfalfa is becoming more popular every year, will stand severe cold weather, stools out more and only requires about 10 pounds of seed to sow an acre. We recommend this seed very highly and costs very little more to sow an acre of ground as it only requires about one-half the amount of seed.

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.50	\$0.47	\$45.00

## CLOVERS

### RED CLOVER

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.30	\$0.27	\$25.00

### WHITE CLOVER

	Per lb.	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.55	\$0.50	\$0.40	\$38.00

### SWEET CLOVER

(Sweet Clover is hulled and scarified)

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand (White)	\$0.15	\$0.12	\$ 9.50
K. C. Brand (Yellow)	.15	.12	10.00

### ALSIKE CLOVER

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.30	\$0.27	\$25.00
Alsiike and Timothy Mixed 20% Alsiike.	.20	.15	12.50

## FIELD AND PASTURE GRASSES

SEE INSIDE COVER FOR HARDEN'S SPECIAL LAWN GRASSES

### KENTUCKY BLUE GRASS

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.35	\$0.30	\$26.50

### TIMOTHY

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.12	\$0.09	\$7.50

### RED-TOP

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.35	\$0.27	\$25.00

### ORCHARD GRASS

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
K. C. Brand	\$0.25	\$0.20	\$16.75

### MISCELLANEOUS GRASS SEEDS

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
Bermuda Grass	\$0.50	\$0.45	\$40.00
Italian Rye Grass	.25	.16	13.50
English Rye Grass	.25	.18	16.00
English Blue Grass, or Meadow Fescue	.25	.18	16.00
Creeping Bent Grass	1.10	1.00	90.00
Sudan Grass	.10	.08	6.00
Johnson Grass	.17	.14	12.00
Permanent Pasture Mixture	.20	.17	15.00

## McQUEEN'S INOCULATOR

### REDUCED PRICES

#### FOR CLOVER OR ALFALFA

½ bu. size inoculates	30 lbs. seed	\$ .50
1 bu. size inoculates	60 lbs. seed	1.00
2½ bu. size inoculates	150 lbs. seed	1.75

#### FOR SOY BEANS, COW PEAS, VETCH, PEAS OR BEANS

(All large seeds)		
1 bu. size inoculates	60 lbs. seed	\$ .50
2 bu. size inoculates	120 lbs. seed	1.00
5 bu. size inoculates	300 lbs. seed	1.75

Be sure to include McQueen's Inoculator with all your Legume Seed Orders.

ALWAYS STATE KIND OF SEED YOU WISH TO INOCULATE



Prices Subject to Change

ASK FOR FARMERS SPECIAL PRICE LIST ON FARM SEEDS

## FARM SEEDS

SOY BEANS—COW PEAS—VETCHES—ALL SOIL BUILDERS

## COW-PEAS

60 Pounds to the Bushel

	Per lb.	1/4-bu.	Per bu.
Cow-Peas, New Era .....	\$0.10	\$1.00	\$3.50
Cow-Peas, Whippoorwill .....	.10	1.00	3.50

## SOY-BEANS

	Per lb.	1/4-bu.	Per bu.
Soy-Beans, Midwest .....	\$0.10	\$0.85	\$3.00
Soy-Beans, Wilson .....	.10	.85	3.00
Soy-Beans, Virginia .....	.10	.85	3.00

## VETCH

Vetch has proved itself in this part of the country and is recognized by the potato growers as the greatest fertilizer crop they have ever used; also a good crop to be followed by alfalfa. Requires from 20 to 30 lbs. to the acre.

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
Winter or Hairy Vetch.....	\$0.20	\$0.17	\$15.00

## FORAGE CROPS

KAFFIR—MILO MAIZE—CANE—MILLET—FETERITA

## MILLET

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
German Millet .....	\$0.08	\$0.05	\$3.50
Siberian Millet .....	.08	.05	3.50

## KAFFIR-CORN, CANE, MILO-MAIZE, FETERITA

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
Kaffir-Corn .....	\$0.06	\$0.05	\$3.00
Cane—Amber for fodder.....	.08	.05	3.00
Cane—Orange for fodder.....	.08	.05	3.00
Milo-Maize—Yellow .....	.08	.05	3.00
Feterita .....	.10	.05	3.25

## HARN DEN'S TESTED SEED CORN

## SEED CORN

## YELLOW VARIETIES

	1/4 bu. Per bu.
Reid's Yellow Dent—100 days .....	\$0.85 \$2.95
Iowa Gold Mine—95 days .....	.85 2.95
Pride of the North—90 days .....	.85 2.95
Kaw Chief—100 days .....	.85 2.95

## WHITE VARIETIES

	1/4 bu. Per bu.
Champion White Pearl—90 days.....	\$0.85 \$2.95
Iowa Silver Mine—90 days .....	.85 2.95
Hickory King—110 days .....	1.00 3.25

## MISCELLANEOUS FARM SEEDS

Broom Corn—Buckwheat—Sunflower—  
Castor Beans—Flax—Peanuts

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
Broom-Corn—Dwarf .....	\$0.10	\$0.08	\$6.00
Broom-Corn—Evergreen .....	.10	.08	6.00
Buckwheat .....	.10	.08	6.00
Rye .....	.05	.04	2.75

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
Flax .....	\$0.15	\$0.12	\$10.00
Peanuts—Jumbo .....	.25	.20	18.00
Castor Beans—(Field) .....	.35	.30	25.00
Sunflower .....	.12	.10	7.50

## DWARF ESSEX RAPE

	5-lb. lots, per lb.	25-lb. lots, per lb.	Per 100 lbs.
	\$0.12 1/2	\$0.10	\$8.50

## SEED DISINFECTANTS

## CERESAN

A Dust Disinfectant for Wheat, Oats, Barley  
and Certain Other Cereals

8-oz. tin .....	\$0.50	5-lb. tin .....	\$ 3.00
1-lb. tin .....	.75	25-lb. pail .....	12.50

## SEMESAN

A General Disinfectant for Many Vegetable and Flower  
Seeds or Bulbs, and Certain Plant Diseases

2-oz. tin .....	\$0.50	1-lb. tin .....	\$2.75
		5-lb. tin .....	\$13.00

## SEMESAN JR.

A Dust Disinfectant for Seed Corn

4-oz. tin .....	\$0.50	5-lb. tin .....	\$ 8.00
1-lb. tin .....	1.75	25-lb. pail .....	31.25

## SEMESAN BEL

An Instantaneous Dip Disinfectant for Seed Potatoes

4-oz. tin .....	\$0.50	5-lb. tin .....	\$ 8.00
1-lb. tin .....	1.75	25-lb. pail .....	31.25

Seed Disinfectants are poisonous and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.



## BIRD SEEDS AND SUPPLIES

### HARNDEN'S FAMOUS BIRD SEEDS

(Sold in Bulk Only)

Recleaned, fresh and free from dust and worms, as is so often found in package seed. Ask for special prices in large quantities.

	Per Lb.	5 Lbs.
HARNDEN'S MIXED BIRD SEEDS	\$.15	\$0.65
CANARY SEED	.15	.65
HEMP SEED	.15	.65
ESSEX RAPE SEED	.15	.65
BIRD MILLET	.10	.40
POPPY SEED	.35	1.60
FLAX SEED	.20	.85
SUNFLOWER SEED	.15	.65

If to go by mail add 5c per pound for postage and packing.



#### SONG RESTORER AND CONDITION FOODS

Will improve your bird's voice, also a relief for loss of song, hoarseness, colds, asthma, shedding of feathers out of season, also a preventive against all disease common to canaries and seed eating birds. Directions on each package.

	Per Pkg.	Post-paid
BIRDOLINE	\$.20	\$0.25
BIRD MANNA	.15	.20
NU-TRI-CA	.25	.30
IDEAL SONG RESTORER	.25	.30
HALLER'S CANARY PIE	.15	.20

#### MISCELLANEOUS FOODS

SILVER BIRD GRAVEL—2 lb. pkg., 15c; postpaid, 25c.
CUTTLE BONE—Broken pieces. Per lb., 50c. Large pieces, 3 for 10c; per lb., 85c.
SPRATT'S COD LIVER OIL—Cage and nesting food. Per pkg., 20c; postpaid, 25c.
SPRATT'S MOULTING FOOD—Per pkg., 30c; postpaid, 35c.
SPRATT'S EGG FLAKE AND FRUIT CANARY MIXTURE—Per pkg., 30c; postpaid, 35c.
ORANGE COLOR FOOD—Per pkg., 25c; postpaid, 30c.



## POULTRY REMEDIES

PRATT'S ROUP TABLETS—Small pkg., 25c; large pkg., 50c.  
PRATT'S POULTRY REGULATOR—1½ lb. pkg., 25c.  
CONKEY'S ROUP CURE—Small pkg., 30c; large pkg., 60c.  
CONKEY'S CHICKEN POX REMEDY—Small pkg., 30c.  
SOUTHARD'S RED COMB REMEDY—12 oz. bottle, \$1.00.

### LEE'S POULTRY REMEDIES

"The Lee Guarantee"

"We will redeem any goods of our manufacture returned to the dealer by his customers, if the goods fail to give satisfaction after a fair trial, when used according to our directions and for the purpose for which we recommend them."

THE GIZZARD CAPSULE (Adult)—50 capsule package, each \$1.00, postpaid.

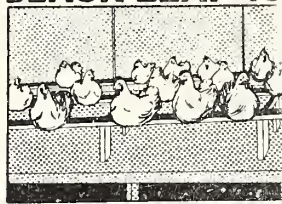
LEE'S FLU-KOFF EMULSION—12 oz. bottle, each, \$1.00.  
WHITE DIARRHOEA REMEDY—12 oz. bottle, each, \$1.00.  
POULTRY WORMER—12 oz. bottle, each, \$1.00.  
LEE'S GERMAZONE—4 oz. bottle, each 40c.  
LEE'S GERMAZONE—12 oz. bottle, each 75c.  
LEE'S GERMAZONE—32 oz. bottle, each \$1.50.  
LEE'S GERMAZONE—1 gal. bottle, each \$4.50.  
LEE'S LICE KILLER—1 qt. can, 60c.

LEE'S LICE KILLER—½ gal. can, 90c.  
LEE'S LICE KILLER—1 gal. can, \$1.50.  
LEE'S LOUSE POWDER—1 lb. can, 25c.  
LEE'S LOUSE POWDER—2½ lb. can, 50c.

Ask for Lee's Complete Poultry Book—Sent Free.

Delouse Entire Flock by "Painting" the Roosts with "Black Leaf 40"

### BLACK LEAF 40



WORKS WHILE THEY ROOST

Previous methods of controlling poultry lice have generally been laborious, expensive, disagreeable and difficult. Individual handling of the birds, as is necessary when using powders, ointments, or dips, requires tedious labor and usually interferes with egg production. The "Black Leaf 40" method does away with all handling of the birds and does not interfere with egg production.

Prices—"Black Leaf 40":

1 oz. bottle	.....\$0.35
½ lb. bottle	.....1.25
2 lb. can	.....3.25

(Not mailable)

## DOG FOODS AND MEDICINES

### SPRATT'S FOODS FOR DOGS

"The Backbone of The Canine Race"

SPRATT'S OVAL (The Pocket Dog Biscuits)—A small Meat-Fibrine Dog Biscuit, suitable as a staple diet for small dogs and toys, and to be carried on a ramble with the dog. Per lb., 20c; 5 lbs., 80c; 25 lbs., \$3.75; 100 lbs., \$14.00.



### SERGEANT'S DOG MEDICINES

SERGEANT'S DISTEMPER MEDICINE—For treating Distemper in pups and dogs. \$1.20.  
SERGEANT'S MANGE MEDICINE—For treating skin and blood diseases. 65c.  
SERGEANT'S CONDITION PILLS—A tonic and alterative for pups and dogs. 60c.  
SERGEANT'S SURE SHOT CAPSULES—For roundworms, pinworms and hookworms in pups of any size, age and breed; also for large and older dogs. 60c.  
SERGEANT'S SURE SHOT LIQUID—For pups and older dogs. For owners who prefer a liquid vermifuge. 60c.  
SERGEANT'S TAPE WORM MEDICINE—For tapeworm in pups and dogs. 60c.

SERGEANT'S ARSENIC AND IRON PILLS—A blood purifier. For treating blood and skin diseases. 60c.

SERGEANT'S WELL MOUTH—For treating Sore Mouth and Black Tongue. 60c.

SERGEANT'S PEPSIN TABLETS—For treating indigestion, vomiting and colic in pups and dogs. Splendid for pups at weaning time. 60c.

SERGEANT'S DIARRHOEA MEDICINE — For treating diarrhoea and dysentery in pups and dogs. 60c.

SERGEANT'S RHEUMATIC PILLS—For treating rheumatism and lumbago in pups and dogs. 60c.

SERGEANT'S ROG RUB—A splendid liniment for lameness, sore muscles and swollen limbs in pups and dogs. 60c.

SERGEANT'S EYE WASH—For treating eye trouble in pups and dogs. 60c.

SERGEANT'S CONSTIPATION CAPSULES — For treating constipation in pups and dogs. 60c.

SERGEANT'S CARBOLIC TAR SOAP—A splendid all-purpose soap. 25c.

SERGEANT'S SKIP-FLEA SOAP—A wonderful bath soap for dogs and pups. Will kill fleas, lice and certain other vermin. A pure high-grade soap that soothes the skin and leaves coat soft and fluffy. 25c.

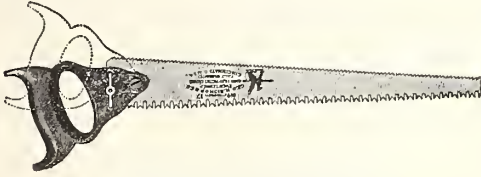
SERGEANT'S SKIP-FLEA POWDER—For fleas and lice on dogs and cats. Will not nauseate and is not injurious. 25c.

SERGEANT'S DISINFECTANT—An antiseptic and insecticide, cleaner and deodorant. Aids in preventing diseases. Of great value for use in cases of distemper, mange, black tongue and other contagious diseases; will rid the kennels, sleeping quarters and premises of fleas and lice. Will kill fleas, lice and certain other vermin on dogs and other animals, and is excellent as a kennel dip. 4 oz. bottle, 25c; 12 oz. bottle, 50c.



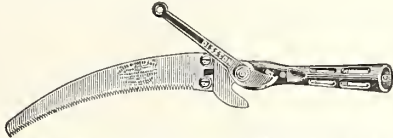


# PRUNING, GARDEN AND LAWN TOOLS AND SUPPLIES



## PRUNING SAWS

Double-Edged Pruning, each.....\$2.25



## PRUNING SAW AND HOOK

No. 26—Also 5½-inch lever Pruning Knife Hook which makes a combined saw and pruner. Made with pole socket for any length pole. Price without pole, each \$3.00.



## HEDGE SHEAR AND TRIMMERS

No. 101—Hedge Shears, forged solid steel, notched blade, locking spring washer, 8-inch blade. Each, \$2.35.



## PRUNING SHEARS

No. 10—6-inch malleable handles, pressure spring, steel blades. Each, 85c.

No. 30—9-inch California pattern, drop forged handles, crucible steel blades. Each, \$1.50.

No. R55—9-inch extra quality cast steel blade with ratchet lock nut, malleable iron handles. Each, \$2.50.

## TREE PRUNERS

Long handle pruners with steel blade lever action. Extra heavy; will cut up to 1¼ inches.

	Each
6 feet .....	\$2.30
8 feet .....	2.50
10 feet .....	2.75
Extra Blades .....	.25



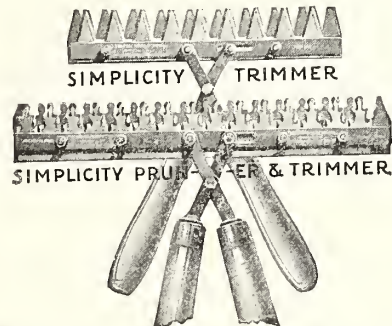
## "LITTLE WONDER" HEDGE TRIMMER

A newly patented machine, cutting on the same plan as a mowing machine, that we are convinced will revolutionize trimming. Cuts from five to ten times as fast as by hand and does better work. Can be adjusted for use by tall or short operators. Especially adapted for cemeteries and large estates, where it will save its cost in a single season. A wonderful time saver for those making a business of hedge trimming. Complete. 30-inch, Each, \$25.00; 40-inch, Each, \$27.50.



## PRUNING SHEARS

Steel blade, 20-inch ash handle. Each, \$2.25.



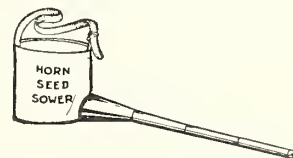
## SIMPLICITY HEDGE TRIMMER

Cuts both opening and closing. Trimmer, \$4.50; trimmer and pruner, \$6.50.

# HAND SEED SOWERS



**CYCLONE SEEDERS**—A good seed sower will pay for itself in the sowing of a few acres. Three-fourths of a bushel of seed distributed evenly will give better results than a bushel of seed poorly distributed. The Cyclone Seeder will distribute the seed perfectly even and will not throw it in an upward direction or against the operator, but direct and evenly to the ground. The machine is supplied with a patented interlock, double flange, non-solder tin distributing wheel and an automatic feed adjustment so that the seed can be let or shut off instantly. Three special features of the Cyclone are—Slant Feed Board, Sheet Steel Oscillating Feed Plate, Non-Solder Tin Distributing Wheel. Price, Each, \$2.50.



**HORN SEED SOWER**—This sower consists of a sack and a sectional tin tube. The sack is made from heavy duck and the sower is operated by a swinging motion of the tube. It will sow the different varieties of farm seed and will do good work. You can get money back if not pleased with it. Full directions for adjusting and operating on each machine. Price, \$1.00.



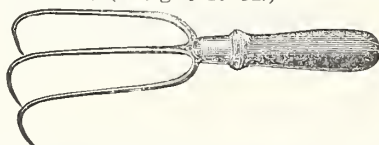
# GARDEN AND LAWN TOOLS



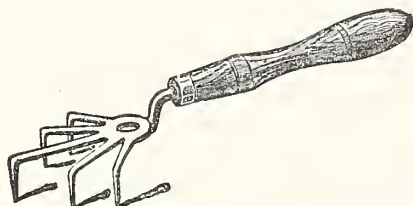
**ASPARAGUS KNIFE**—Trowel shank, blade 15½ inches long. Each, 60c.



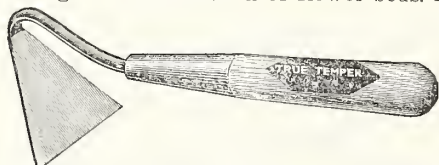
**DIBBER**—For transplanting vegetables and plants; steel point. Each 60c. (Weight 10 oz.)



**WEEDER (Eureka)**—The best little hand weeder that we know of for loosening soil around plants. Thin forged steel fingers. 6-inch handle, Each, 65c; 24-inch handle, Each, \$1.00.



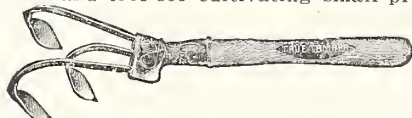
**EXCELSIOR HAND WEEDER**—Valuable for breaking up crusts and general cultivation of flower beds. Each, 25c.



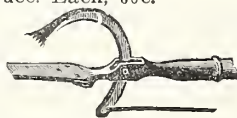
**JACKSON ONION HOE**—A small hand weeder, particularly adapted for weeding onions. Each, 60c.



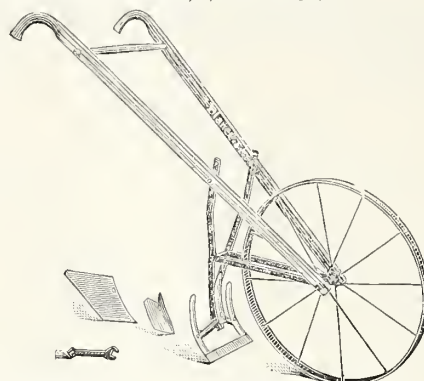
**WEEDER (Hand) Hazelbent**—All steel and the most practical hand tool for cultivating small produce. Each, 60c.



**NORCROSS CULTIVATOR**—The well known Norcross cultivators will cultivate closer to plants without injuring them than any other type of implement, leaving the soil level, loose and untrampled. Comes two sizes: 3-prong, 4-ft. handle, \$1.00 Each; 3-prong, 9-in. handle, 60c Each.



**TROWELS**—Common, Each, 25c; medium weight, 50c; all steel with solid shank, \$1.00 Each.



**NO. 119 PLANET JR.**—A very popular high wheel cultivator, fully equipped as shown in picture. This is a durable all-purpose tool. The No. 35 seeder attachment may be used with tool, and makes an inexpensive combination. Price, \$6.00.



**GRASS EDGER**—4 ft. handle, steel blade. Each, \$1.50.



**SOD LIFTER**—Solid steel, 18-inch solid shank, plain ferrule. Each, \$2.50.



**LAWN RAKE**—Light and durable. As efficient as a vacuum cleaner for the lawn. Each, \$1.25.



**LAWN WEEDER, The Cleveland**—The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod. Each, \$1.25.

**SPADE (Sharp Shooter)**—Solid cast steel blade, select handle, 4½ inches wide at point, 14-inch blade, Each, \$1.75. 16-inch blade, Each, \$2.00.

## PLANET Jr. SEEDERS AND CULTIVATORS

**No. 4 PLANET JR.**—Combined hill and drill seeder, single wheel hoe, cultivator and plow. This is the ideal machine for the family garden. May be changed from seeder to cultivator in a few minutes. Your boys and girls will enjoy gardening with this tool. Price, \$18.00.

**No. 4-D**—Price, \$14.25. SEEDER ONLY.

**No. 3 PLANET JR. HILL AND DRILL SEEDER**—The Market Gardener's Favorite. Sows all vegetable seeds in drills, at the proper depth, thickness, and economically. Gives you a uniform stand, in absolutely straight rows, which saves you time and labor in your cultivating work. Drops in hills 4, 6, 8, 12 or 24 inches apart. Special opening plow and covers furnished for sowing onion seed for sets for the No. 3 Seeder as well as for the No. 4 Combination. Price, \$17.50.

**No. 25 PLANET JR.**—Combined hill and drill seeder, double or single wheel hoe, cultivator and plow. This is a larger tool and is used by onion growers, lettuce growers and market gardeners. Also a good size for the large family garden. Price, Each, \$21.50.

**No. 12 DOUBLE AND SINGLE WHEEL HOE**—One pair of 6-inch hoes, four cultivator teeth, one pair plows, two leaf lifters. The same as No. 11 except that the 4½-inch hoes and the rakes are omitted and the price is correspondingly less. Each, \$10.75.

**No. 17—SINGLE WHEEL HOE**—One pair of 6-inch hoes, three steel cultivator teeth, one large garden plow. Same as No. 16 except in equipment. Each, \$8.00.

Planet Jr. tools are made to suit every purpose for the convenience of the gardener.



# GARDEN SUPPLIES

## CANE PLANT STAKES

Light, strong cane stakes for supporting flower and vegetable plants. Run from 2 to 8 feet in length. Can be cut in half and used for gladiolas and smaller plants.

## BAMBOO CANE PLANT STAKES

	Per Doz.	Per 100	Per 500
6-ft., plain	\$0.35	\$2.00	\$7.50
8-ft., extra heavy, plain	.50	4.00	
2-ft., dyed green	.20	.90	3.50
3-ft., dyed green	.25	1.50	4.75
4-ft., dyed green	.30	2.00	5.00



## WOOD LABELS—POT AND TREE

**TREE LABELS**—3½ inches; notched and copper wired. Per 100, 35c; per 1,000, \$2.25.

**TREE LABELS**—3½ inches, notched and iron wired. Per 100, 30c; per 1,000, \$2.00.



### POT LABELS

	Plain	Painted
	Per Doz.	Per 100
4-in. Wooden	\$0.05	\$0.30
5-in. Wooden	.05	.35
6-in. Wooden	.10	.40
10-in. Wooden	.15	1.00
12-in. Wooden	.20	1.25

## GARDEN STAKES

	Doz.	100
Wooden, ¾-inch wide		
8-inch	\$0.30	\$1.50
10-inch	.40	2.00
12-inch	.45	2.50

## RAFFIA

The inner skin of a palm found in Madagascar. Raffia is very strong and tough, but soft and flexible, which fact makes it the only practical article for weaving into fancy baskets, boxes and mats. In its natural color it is a light straw. The natural Raffia is also used for tying up plants in field or greenhouse. 1 lb., 60c; 5 lb. lots, per lb., 55c.

## GLASS CLOTH

Ideal for hotbeds. Much cheaper than glass. Admits violet rays. Plants grow harder and transplant better. Comes in 25 yard, 50 yard and 100 yard rolls, 36 inches wide.

	Per yard	Per yd.
25 yard roll	\$0.35	.33
50 yard roll		.32
100 yard roll		.30

## PUTTY BULB, SCOLLAY'S

A useful tool similar to the well known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.50. If by mail (weight under 1 lb.).

## SCOLLAY'S FLORIST'S SPRINKLER

None better for floral work. Made from best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each \$1.50.



## GARDEN MARKER

Nine-inch plant labels with three-by-one inch space for plant name at the top. Metal ink or waterproof pencil may be used. The finest label on the market.

Zinc, doz., 75c; per 100	\$5.50
Galv., doz., 50c; per 100	\$3.50
Metal Ink, bottle	50c
Waterproof Pencil, each	5c



## WATERPROOF PAPER FLOWER POTS

These pots are nested and packed in cases of 1,000 each except 4, 5 and 6 inch sizes, which are put up in cases of 500 each. Six at dozen rate, 50 at 100 rate.

	Doz.	100
2½ inch	\$0.10	\$0.75
3 inch	.15	1.00
4 inch	.20	1.50
6 inch	.45	3.00

## FLOWER POTS (Earthenware)

### STANDARD FLOWER POTS

Size of Pots	Each	Pots		Saucers	
		Dozen	Per 100	Each	Dozen
2½ inches	\$0.04	\$ 0.30	\$ 2.00		
3 inches	.05	.50	2.75		
4 inches	.08	.75	4.50	\$0.05	\$0.50
5 inches	.12	1.25	6.50	.07	.75
6 inches	.15	1.75	10.00	.10	1.10
7 inches	.25	2.75	16.00	.12	1.30
8 inches	.40	4.50		.15	1.65
9 inches	.50	5.50		.25	2.75
10 inches	.75	7.00		.30	3.30
12 inches	1.25	13.50		.60	6.75

## PAPER PLANT BANDS

A square band has twice the root room of round pot, giving a better chance for the plant to develop, still occupying less room in your frames. The ready-to-use feature of "Harris Plant Bands" has made them a decided success. The simplest way to handle plants for transplanting is to put them in plant bands or pots when very small. You get a fine stronger plant that will mature ahead of those not so treated by several days or even weeks. Have the earliest vegetables by using these bands. The bands have no bottom. Set bands in a flat or shallow box, fill with good soil. Set one plant in each and you will be more than pleased.

No.	Size	Depth	Number In Case	One Case	Less than Case lots
1½ B	1½ x 1¾	2½	6000	\$15.00	\$3.25
3B	3 x 3	3	2500	10.00	4.75
4B	4 x 4	3	2000	9.50	5.50

All bands packed 250 to a carton.



## FLOWER TUBS, "Richmond Style"

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below:

No.	Inside Top Diameter	Depth	Price, Each
1	6 in.	6 in.	\$1.15
3	8 in.	8 in.	1.35
5	10 in.	9 in.	1.60
7	12 in.	11 in.	2.25
9	14 in.	13 in.	3.00
11	16 in.	15 in.	3.75
13	18 in.	17 in.	4.75
14	19 in.	18 in.	5.50

If Handles are required, add 35c per Tub.

## GRAFTING WAX

Per ¼ lb. bar, 15c; ½ lb. bar, 30c; 1 lb., 50c.





# SPRAY PUMPS

## THE AUTO-SPRAY NO. 9



Is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with our patented NON-CLOGGING Nozzle.

**USES** — For spraying trees, shrubs, vines, field crops, green-houses and poultry houses, for applying Paris Green, arsenate of lead, bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, whitewash, cold water paints, etc.

**CONSTRUCTION** — It consists of a solution tank holding 3½ gallons. The tank is made of galvanized steel or heavy sheet brass, as ordered. (We strongly recommend the brass because it will not corrode with strong so-

lutions and will last indefinitely).

**BRASS TANK**—Each, \$9.00.

**GALVANIZED TANK**—Each, \$6.50.

## AUTO-SPRAY NO. 3D

IN DETAIL

**TANK**—Galvanized steel.  
**CAPACITY**—12 gallons.  
**PUMP**—Plunger style. Graphite packing, adjustable by tightening the nut on the top of plunger head. No leather cups.

**PLUNGER**—Brass 1½ inches in diameter, 3 inch to 5 inch stroke as desired.

**VALVES**—Brass ball valves.

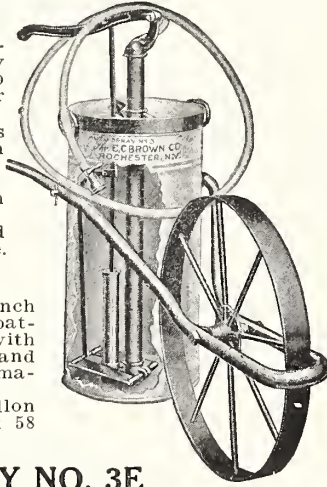
**SUCTION PIPE**—Fitted with brass strainer.

**AGITATION**—Mechanical and effective. Operated from handle.

### EQUIPMENT

Eight feet high pressure ¾ inch hose, lever shut-off and latest pattern screen nozzle. Repair list with formula for mixing whitewash and cold water paint with each machine.

**SHIPPING WEIGHT**—12 gallon with truck crated, 75 lbs., net 58 lbs. Each, \$22.00.



## AUTO-SPRAY NO. 3E

12 gal. brass tank, steel air pressure tank on wheel cart. Each, \$35.00.

## AUTO-SPRAY NO. 5



The pump is made entirely of brass. It has two ball valves so arranged that they may be instantly cleaned. The threads are all cut, not rolled, so that there is no chance for leakage. Pumps double acting and will generate a pressure of 180 lbs.

The knapsack tank is also extra and is essential where the sprayer has to be continually moved about, such as spraying rows of potatoes. Auto-Spray No. 5, pump, hose, nozzle and strainer complete, \$5.00. Extension, prepaid, 75c. Galvanized Iron Reservoir (for use on potatoes or field crops), \$3.00.

## SPRAY PUMP HOSE

Special high pressure, ¾-in. hose for sprayers, per ft., 20c.

## BAMBOO EXTENSIONS

Bamboo, brass-lined extensions with stop cock, 8 ft., each, \$4.00.  
Bamboo, brass-lined extension, with stop cock, 10 ft., each, \$4.35.  
Bamboo, brass-lined extension, with stop cock, 20 ft., each, \$6.50.

We carry at all times Washers and Extra Parts for Auto Sprayers which are listed above,

## AUTO-SPRAY NO. 41

This pump will handle two nozzles without exertion. This pump has plenty of capacity and is an excellent barrel pump.

The AUTO-SPRAY No. 41 is guaranteed to give satisfaction.

It is constructed of heavy castings with a plunger of seamless brass tubing two inches in diameter.

The AUTO-SPRAY No. 41 will handle whitewash and all heavy solutions. It is an excellent pump for use in the orchard.

Auto-Sprayer No. 41 is equipped with fifteen foot ¾ inch discharge hose, 8 foot iron extension and non-clog junior nozzle. Each, \$17.50.

## NO. 9 BARREL CART

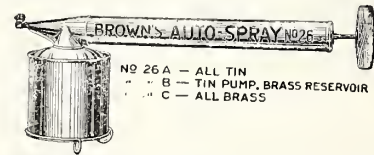
36 inch wheels will easily carry a 50 gallon barrel. Each, \$17.25.

50 gallon Oak barrel. Each, \$5.00.

## EXTRA EQUIPMENT

(FOR AUTO SPRAYERS)

	Each
2-foot brass extension rod .....	\$0.75
Elbow extension brass .....	.50
Strainer, solid brass .....	1.50
Two row attachment, brass nozzle .....	1.75
Stop Cock, brass .....	.60



## NO. 26 AUTO-SPRAY

This efficient outfit is so designed that the down stroke generates sufficient pressure to produce a continuous mist-like spray. A decided advantage over intermittent sprayers. Container may be detached for refilling and cleaning by simply unscrewing from the pump cylinder. The ball valve may also be readily removed. For spraying home gardens, in greenhouses, applying floor oil, handling disinfectant and insecticides. Can be used with all spraying solutions. Every household should have one for fly and ant extermination and for moth proofing clothes. All brass, each \$1.35.

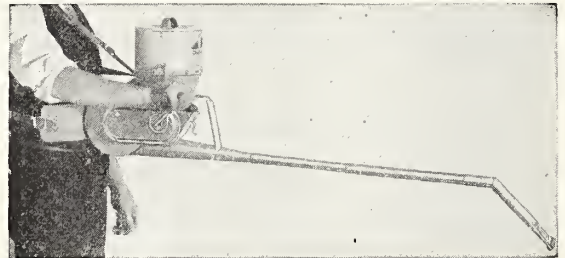
### SPRAY NOZZLE No. 2

### SPRAY NOZZLE No. 3

**No. 2 SPRAY NOZZLE**—Bordeaux and whitewash. Prepaid, each, \$1.25.

**No. 3 SPRAY NOZZLE**—Vermorel, for general spraying. Prepaid, each, \$1.25.

**AUTO POP NOZZLE** for No. 9 Sprayers. Each, \$1.50.



## D&B DUSTER

The D&B represent correct design and mechanical perfection among dusters. For years they have been standing paramount in the duster field. Many important and patented improvements are embodied in these machines.

The D&B Duster is best suited for low-growing crops such as potatoes, tomatoes, cabbage, berries, melons, tobacco, cotton, etc. It can also be used effectively on shrubs and small trees.

Duster is made of heavy sheet steel, lead coated and painted. Gears are of steel, machine cut and enclosed in dust-proof case, packed with grease. Bearings are self-lubricating and need very little attention. Working parts are well protected, but easy to get at.

**No. 100**—5 lb. capacity. Each, \$9.50

## BROWN DUSTER NO. 2

The Duster Brown, with its direct compression on the mixing chamber, ejects a volume of dust with surprising force forming a large, well diffused dust cloud that envelops every leaf and twig on the infected plant. Only a stroke or two with the Duster Brown is necessary for medium sized shrubs or crops as the heavily-laden dust cloud does the work with half the time and effort of the ordinary duster. It is the dust volume per stroke that counts. Each, \$1.25.



# INSECTICIDES AND SPRAYING MATERIALS

## READ THIS

**PRICES**—Ask for prices in large quantities; we will do our best to trade.

**MAIL**—Poisons cannot be sent by mail.

**SPRAY CALENDAR**—Complete spray calendar sent free, giving time to spray, quantities and materials to use.

# Antrol

For sweet eating ants. The Antrol System kills ants in their nests. It is a new, scientific, complete set of permanent equipment that quickly, safely and surely "gets" ants at their source. The complete set includes small glass containers and special Antrol syrup. Prices: New size. A convenient set containing one 4-oz. bottle of Antrol Syrup and four Antrol patented glass containers, \$1.00.

Antrol containers (100 in a case) 15c each; Antrol syrup: 1 pint, \$1.00; 1 gallon, \$4.00. Cannot be mailed. Write for booklet.



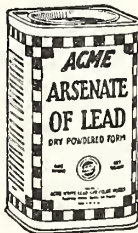
**ACME ALL AROUND SPRAY**—The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices: ¼ lb., 45c; 1 lb., 95c.

**ARSENATE OF LEAD**—An effective insecticide for leaf-eating insects and particularly suitable for tender foliage. Due to the light fluffy character of this material and its adhesive qualities, it insures quick and effective control. Under favorable conditions will not injure the foliage. Can be used on Apple, Pear, Peach and Plum trees, Potatoes, Corn and Vegetables of all kinds that may be attacked by leaf-eating insects.

Can be used either dry or as a spray. The person having a small garden and a few trees will find the dry method the more practical.

Dust the trees or plants lightly, putting on just enough so that the foliage on close observation will show a lustre of metallic tinge. Dust vegetables when the bugs first appear, using 4 to 5 pounds to the acre. To control the corn ear worm, dust the silk as soon as it appears. Treat each ear. The worm works only on fresh silk and works into the ear. For effective control, keep the fresh silk treated.

When used as a spray, use 1½ to 2 lbs. to 100 gallons of water for trees and 2 to 2½ lbs. to 100 gallons of water for potatoes. ½ lb., 25c; 1 lb., 40c; 4 lbs., \$1.00; 24 lb. box, \$4.50.



**ACME BAIT-M**—An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. 1 lb., 40c; 3 lbs., 65c; 15 lb. bag, \$2.75.

**"BLACK LEAF 40"**—This is the insecticide that is so highly recommended by Experiment Stations. It destroys aphids (plant lice), thrips, leaf-hoppers on all trees, bush and vine fruits, vegetables, field crops, flowers and shrubs; also apple red bug, pear psylla and similar soft-bodied sucking insects—all without injury to the foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You cannot go wrong by ordering "Black Leaf 40" for sucking insects.

1 oz., \$ 0.35—Makes 6 gallons spray.  
 ½ lb., 1.25—Makes 40 to 120 gallons spray.  
 2 lbs., 3.50—Makes 160 to 500 gallons spray.  
 10 lbs., 11.85—Makes 800 to 2,500 gallons spray.

**BORDEAUX MIXTURE (Powdered)**—The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging in any spraying machine. To be diluted 25 to 50 times with water and sprayed. The uniformity of its consistence permits a very fine spray and consequent economical distribution of a small quantity evenly over a large area of surface. Prevents black rot, mildew and rust. Destroys fungus growth on vegetables. 1 lb. pkg., 40c; 4 lb. pkg., \$1.00; 24 lb. box, \$4.50.



**CARBOLA**—A disinfecting, germ-killing whitewash paint. Is in powder form which has been combined with a disinfectant many times stronger than carbolic acid. 5 lb. pkg., 75c; 10 lb. pkg., \$1.25.

**CARBON BISULPHIDE**—Used by grain dealers, seed dealers, etc., for killing weevil in different seeds and grains. Kills by evaporation. Also will kill tree borers if properly used. 1 lb. can, 60c.

**"CYANOGAS" CALCIUM CYANIDE**—A new and valuable insecticide for the destruction of aphids, white fly, soft scale, thrips, etc., in the greenhouse. Calcium Cyanide when exposed to the air gives off hydrocyanic acid gas for a long period of time, which makes it a safe and effective material. 5 lb. tins, per lb., 60c; 1 lb. tins, per lb., 75c.

**DERRISOL**—Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; 1 lb., \$2.00.

**EVERGREEN**—Is recommended especially for killing the following insects: cut worms, white flies, thrips, aphids (plant lice), rose bugs, red spiders, aster beetles, squash beetles, cucumber beetles. Ask for circular and directions. 1½ oz. bottle, 35c; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.00.

**FISH OIL SOAP**—Prepaid, 1 lb. box, 35c; 5 lb. box, \$1.50; 10 lb. box, \$2.50.

**FUNGITROGEN**—Destroys mildew and black spot—the two most dangerous enemies of the rose; and at the same time supplies an essential fertilizer that assures luxuriant foliage and vigorous plants, with amazing blooms. By its use the amateur rose grower is able to produce results comparable to the professional. Make this test. Apply FUNGITROGEN to part of your roses. Then compare the results. ½ pint can, 75c; 1 pint can, \$1.25; 1 quart can, \$2.00.

**GRAPE DUST**—A light weight powder fungicide, especially valuable for preventing mildew on roses, grapes and vining plants, such as cucumbers and melons. Put up in 1 lb. sifter per carton. Each, 35c; 5 lb. pkg., \$1.25.

**HELLEBORE**—For aphids and for the currant worm. To apply as a liquid, use 4 oz. to from 2 to 3 gallons of water; dry, use 1 lb. to 5 lbs. of flour or hydrated lime. ½ lb., 35c; 1 lb., 65c.

**KEROSENE EMULSION**—Used as a summer wash against scale, plant lice and aphids. Ready for use by simply adding water. 1 qt. can, 75c; 1 gal., \$2.00; 5 gal. can, \$6.85.

**LEMON OIL**—Effective against scale and aphids. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water. 1 qt., \$1.10.

**LIME-SULFUR (Powdered)**—A perfect scale and fungus destroyer; special for plum and peach trees, which need fall and spring treatment; cures peach leaf curl. Use during dormant period. Protect the hands with gloves when applying.

For dormant spraying against such scale insects as San Jose Scale and Oyster Shell Scale, use 10 to 14 pounds of dry or powdered lime sulphur. Dissolve in 50 gallons of water. For summer spraying against fungus diseases that have been successfully controlled with liquid lime sulphur, use from 2½ to 3 lbs. dry lime sulphur to 50 gallons of water in combination with the usual proportion of Dry Arsenate of Lead. 1 lb. pkg., 35c; 5 lb. pkg., \$1.40; 10 lb. pkg., \$2.00; 25 lb. pkg., \$3.75; 50 lb. drum, \$6.75; 100 lb. drum, \$12.00.



**MELROSENE**—The most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. Trial size, prepaid, 50c; 1 pt., \$1.00; 1 qt., \$1.75.



## Insecticides and Spraying Materials--Continued

**NICO-DUST 6%**—For aphids on lettuce, cabbage, cauliflower, flowers, shrubs and general florists' use. 5 lb. pkg., \$1.75; 25 lb. steel drum, \$7.50.

**NICO-DUST 10%**—For cantaloupe, watermelon, cucumber and squash. Experiments show a killing effect of nearly 100% almost instantly. 5 lb. pkg., \$2.75; 25 lb. steel drum, \$9.00.

**NICO-DUST 10% WITH ARSENATE OF LEAD**—For cantaloupe, watermelon, cucumber and squash. 5 lb. pkg., \$3.00; 25 lb. steel drum, \$10.00.  
For striped beetles and aphids.

**NICO-FUME**—Liquid. An effective vaporizing liquid. ¼ lb., 75c; 1 lb., \$2.00.



**PARIS GREEN** is a stomach poison which has been used for many years. In order to prevent injury to the foliage, it is always desirable to add some lime to the preparation of the spray. One pound of lime and one pound of Paris Green are used with 75 to 200 gallons of water, depending upon the susceptibility of the foliage to burning. It is always safer to have a slight excess of lime in the mixture. The Paris Green becomes more thoroughly diffused in the water if it is first mixed to a paste. ¼ lb., 25c; 1 lb., 50c; 4 lb. pkg., \$1.85; 14 lb. pkg., \$4.50. Ask for prices in larger lots.

**PARA-DICHLOROBENZENE**—A remedy for peach tree borers. Use about 1 oz. to a tree. 1 lb., 65c; 5 lbs., \$3.00.

**SCALECIDE**—A spray for scale. Dilute 1 gal. to 15 gals. of water. 1 qt., 75c; 1 gal., \$1.75; 5 gals., \$7.00.

**SLUG SHOT**—It kills potato bugs in all stages of growth, except in the eggs. It kills the black fleas on cabbages, turnips, beets, radishes and egg plants. Apply by dusting over the plants. It kills the cabbage worm and also the currant and gooseberry worm, the aphid or green fly on roses and other flowers. Has prevented the ravages of the curculio and canker worm on fruit trees, has likewise been used around beans, melons, squashes, etc., with great success. Keeps the striped bug from all vine crops.

**FOR SLUGS ON ROSES**—Slug shot is a sure killer. Apply with a dust sprayer after a dew or rain, on both under and upper side of leaf. Price per 5 lbs., 65c; 10 lbs., \$1.25. Cartons with perforated tops, 1 lb. Slug Shot in each, 20c; postage extra.

# Snarol

The National Pest Control

**SNAROL**—An effective bait for controlling cutworms, slugs, snails, grasshoppers, earwigs, sowbugs, gophers, etc. It is a ready prepared meal, packed in cartons and bags, that is simply broadcast on the ground under and around the vegetation. Water, rain or sprinkling will not harm it and will not harm the plants. Prices: lb., 45c; 3 lbs., 90c; 15 lbs., \$3.50.

**SULPHUR (Powdered)**—For mildew. Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50.

**SWEENEY'S POISON WHEAT**—Sure death to mice, rats, moles and gophers. Pkt., 15c; large box, 25c.

**TOBACCO DUST**—Fine. Used for fumigating and for dusting plants affected with aphids. 1 lb., 15c; 3 lbs., 35c; 25 lbs., \$2.00.

**TERRO ANT KILLER**—Will rid place of ants in 24 hours, easy to use. 2 oz. bottle, 50c.

**TREE TANGLEFOOT**—To protect trees against all climbing insect pests in the most efficient, economical and simple way, use **TREE TANGLEFOOT**. A sticky substance applied directly to tree trunks. Will not injure trees. Once applied remains sticky three to four months in all kinds of weather, or ten to twenty times as long as any other known substance. Easily applied with wooden paddle. A pound makes about 9 lineal feet of band. Needs no mixing, always ready for use. 1 lb. can, 60c; 5 lb. cans, \$2.75; 10 lb. cans, \$5.25; 25 lb. pail, \$11.00.

**THRIP JUICE**—A contact insecticide for destroying sucking insects, such as Aphids or Plant Lice, Red Spider, Black Fly, Thrips, White Fly, Soft Scale and Mealy Bugs. Can be used either in greenhouses or hotbeds, and is very valuable for outside work. To be diluted with water to the extent of one portion of Thrip Juice to 40 parts of water. Price, 1 pint can, 85c; 1 quart, \$1.25.

**VOLCK**—A powerful insecticide also safe to use; kills Red Spider, mites, aphids (greenfly), thrips, meal bugs, scales, white fly, caterpillars, leaf rollers. 1 pint can, 75c; 1 qt., \$1.00.

## SEED DISINFECTANTS

### SEMESAN (Du Pont)

#### The Premier Seed Disinfectant

Controls Disease, Increases Yields, Improves Quality

**SEMESAN**—This modern disinfectant can be applied in either the liquid or convenient dust form to prevent or control effectively a most diversified variety of parasitic diseases and fungoid growth borne by seeds, seed pieces, plants,

#### CERESAN

A Dust Disinfectant for Wheat, Oats, Barley and Certain Other Cereals

8 oz. tin .....	\$0.50	5 lb. tin .....	\$ 3.00
1 lb. tin .....	.75	25 lb. pail .....	12.50

#### SEMESAN

A General Disinfectant for Many Vegetables and Flower Seeds or Bulbs, and Certain Plant Diseases

2 oz. tin .....	\$0.50	1 lb. tin .....	\$2.75
5 lb. tin .....			13.00

grafts and soils. Semesan is harmless to seed and plant life, but extremely poisonous to disease and fungous organisms. It generally also hastens germination, produces sturdier plants, promotes earlier maturity and increases both the quantity and quality of crop yields.

#### SEMESAN JR.

A Dust Disinfectant for Seed Corn

4 oz. tin .....	\$0.50	5 lb. tin .....	\$ 8.00
1 lb. tin .....	1.75	25 lb. pail .....	31.25

#### SEMESAN BEL

An Instantaneous Dip Disinfectant for Seed Potatoes

4 oz. tin .....	\$0.50	5 lb. tin .....	\$ 8.00
1 lb. tin .....	1.75	25 lb. pail .....	31.25

Seed Disinfectants are poisonous and owing to present postal regulations cannot be sent through the mails but must be sent by express or freight.

## McQUEEN'S INOCULATOR

McQueen's Inoculator has a marvelous record—because it is field bred and farm grown, making it virile, kicking and ready to go. It makes poor land good—good land rich. It is "Nature's Easy Way" of enriching the soil and making greater crops—not only of legumes, but of the following crops. McQueen's Inoculator is backed up by so strong a guarantee. This is for your protection. You are the judge of results.

#### GUARANTEE

Use as many packages of McQueen's Inoculator as you wish, according to directions. If nodules do not appear in a



satisfactory manner, we will refund the entire purchase price.

#### ATTRACTIVE PRICES

For Soy Beans, Cow Peas, Vetch and Other Peas and Beans

1 Bu. size .....	\$0.50
2 Bu. size .....	1.00
5 Bu. size .....	1.75

For Clovers and Alfalfa

½ Bu. size .....	\$0.50
1 Bu. size .....	1.00
2½ Bu. size .....	1.75
Garden size, peas, sweet peas, beans and lima beans...	.20

Postpaid

Always state kind of seed you wish to inoculate.



Aks for Prices  
on Large  
Quantities

# Harnden's Fertilizers--For All Purposes

All Prices Subject  
to  
Market Changes

**ADCO ARTIFICIAL STABLE MANURE**—Make it yourself in your own garden. To each ton of straw, hay, corn-stalks or dried leaves, add 150 pounds Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Price: 25 lb. bag, \$2.50. Write for booklet.

**ACID PHOSPHATE**—Sixteen per cent available. Animal or bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price: 5 lbs., 35c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25; 1,000 lbs., \$18.00; 2,000 lbs., \$35.00.

**FINE BONE MEAL**—It is ground fine, hence acts quickly. Free from acid and is a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia  $4\frac{1}{2}$  to  $5\frac{1}{2}$  per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent. For permanent pasture and mowing lands  $\frac{1}{2}$  to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top dressing, 1,000 to 1,500 pounds per acre; rose beds and plants, 1 quart to about 50 of soil; for starting a new lawn, as a base, 3 to 5 pounds per 100 square feet. Price: 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.50; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.00;

**DRIED BLOOD**—For top dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price: 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$7.00.

**CHARCOAL**—Ground, coarse, or fine—A soil purifier and is used for drainage in potted plants by placing a small quantity in the bottom of each pot. Per lb., 10c; 10 lbs., 75c; 50 lb. bags, \$2.50.

**HARDWOOD ASHES**—This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterward, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Per lb., 10c; 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$1.65; 100 lb. bag, \$2.25; 500 lbs., \$10.00.

**HORN SHAVINGS**—Quick-acting and lasting; heavy in potash. Price: 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$2.65.

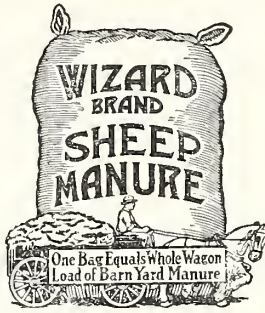
**HYDRATED LIME**—Hydrated lime used for top dressing on lawns and mixing soil for potting plants; also will prevent soil in lawns from becoming sour or acid. 25 lbs. to cover 1,000 square feet. 10 lbs., 40c; 50 lb. bags, \$1.50.

**MURIATE OF POTASH**—Imported Potash once again available, should be used liberally, especially for all root crops. Price: 1 lb., 10c; 5 lbs., 40c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.50.

**VIGORO — A Complete Plant Food**—Is especially prepared plantfood that furnishes to grass, trees, shrubbery, and flowers the plantfood elements necessary for maximum growth and flowering. Packed 25, 50 and 100-pound paper lined bags; it is free from dust, has no unpleasant odor and is easy and pleasant to apply.

Vigoro is a superior combination of plantfoods that meets nature's most exacting requirements. It is completely balanced in every sense of the word. When Vigoro is used, no supplementary substances such as bone meal, potash, liquid manure, etc., are required.

**VIGORO FOR LAWNS**—The first application of VIGORO should be made early in the spring when the grass first starts to turn green. It should be applied at the rate of 4 pounds per 100 square feet of lawn. It should be spread evenly and the lawn should then be wet down, taking care, however, not to flood the plantfood away.



**WIZARD SHEEP MANURE**—Is a concentrated natural plant food and soil-builder. Convenient, easy to use, and is good for everything that grows. It is carefully prepared by an extensive process of direct heat, drying, sterilizing and grinding. A safe and dependable fertilizer for finest landscape and garden use, and for all crops. 5 lb. box, 35c; 10 lb. box, 50c; 25 lb. bag, \$1.00; 50 lb. bag, \$1.45; 100 lb. bag, \$2.50; 500 lbs., \$10.00; 2,000 lbs., \$36.00. Prices in carload lots quoted on request.

**SULPHATE OF AMMONIA**—Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price: 1 lb., 10c; 5 lbs., 40c; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$5.50; 500 lbs., \$27.50.

**STIM-U-PLANT**—Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order Stim-U-Plant tablets with your seed and plant order. Small size, 30c; 100 tablets, 75c; 1,000, \$3.50.

**NITRATE OF SODA**—Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers.

Remove the lumps before using and break them up, which can be done by pounding. Use as a top dressing at the rate of 100 pounds per acre on the following vegetables, when the plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For the home garden, apply as a solution, one ounce to two gallons of water.

Price (subject to market changes), per lb., 10c; 5 lbs., 40c; 25 lbs., \$2.00; 100 lbs., \$5.75.

**GRANULATED PEAT MOSS**—Is used with good results in flower and vegetable beds, around bush fruit, vines, shrubs, hedges and under fruit and ornamental trees. Peat Moss stimulates the development of roots of all plants, which results in a quickened growth, because of the improved water and air supply highly recommended for top dressing on lawns as it guarantees a soil that is light and friable, has good drainage and will not crust or bake after watering. 1 lb. pkg., 25c. Large bale (covers 240 square feet one inch deep), \$4.50.

## VIGORO FOR FLOWERS AND SHRUBS

VIGORO used in the flower bed produces an abundance of early blooms of most brilliant colors, pleasing fragrance and lasting beauty.

In making a new flower bed or setting out new shrubs VIGORO should be applied at the rate of 2 to 4 pounds per 100 square feet, mixing it thoroughly with the top 2 or 3 inches of soil. After applying VIGORO, wet down thoroughly and allow to remain a day before planting or setting out the plants.

When flowers start budding, make another application of 2 pounds per 100 square feet. Work the VIGORO into the soil between the rows or around the plants, keeping the VIGORO about three inches from the stalk or stems.

## VIGORO FOR GREENHOUSE USE

For general potting, mix 8 to 12 ounces of VIGORO thoroughly with a wheelbarrow of soil—about two and one-half bushels.

In preparing the soil for bench use, mix 4 pounds of VIGORO thoroughly with each 100 square feet of bench, about four inches deep. For top dressing, use about 2 pounds to 100 square feet of bench. Soak the soil with water the day before VIGORO is put on.

VIGORO is a product with no unpleasant odor. It is easily applied. It is packed in heavy cotton paper-lined bags in convenient sizes of 25, 50 and 100 pounds. In each bag is placed a booklet, giving full instructions as to the application of VIGORO, as well as much valuable information on making your home and its surroundings more beautiful.

Price: 5 lb. bag, 50c; 25 lb. bag, \$1.75; 50 lb. bag, \$3.00; 100 lb. bag, \$5.00.

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Anemone	14	Cucumber	26	Lantana	10	Rock Garden Collection	2
Anthemis	14	Cultivators and Drills	38	Larkspur	4-10	Roses	21
Antirrhinum	3-7	Cuphea	9	Lathyrus	15	Rudbeckia	16
Aquilegia	3-14	Cyclamen	9	Leek	26	Rutabaga	33
Arabis	14	Cynoglossum	9	Lemon, Garden	27	Sabbatia	12
Arctotis	7	Cypress Vine	9	Leptosyne	10	Salpiglossis	12
Aristolochie	14	Dahlia	3-9-18	Lettuce	27	Salsify	31
Armeria	14	Daisy, English & Shasta	14	Lilies, Hardy	2-15-20	Salvia	12-16
Artemisia	7-14	Delphinium	4-14	Linaria	10	Saponaria	16
Asparagus	7-22	Dianthus	4-9-15-16	Linum	10-15	Saxifraga	16
Asperula	7-14	Dictamnus	15	Lobelia	10-15	Scabiosa	5-12-16
Aster	3-7-8	Didiscus	9	Lupine	10-15	Schizanthus	12
Aubrietia	14	Digitalis	15	Lychnis	15	Scutellaria	16
Auricula	14	Dimorphothea	4-9	Madeira Vine	19	Seed Sowers	37
Balloon Vine	8	Dog Foods and Medicines	36	Mangel Wurzel	23	Semesan	35-42
Balsam	8	Dolichos	9	Marigold	10	Sidalcea	16
Balsam Apple	8	Doronicum	15	Mathiola	10	Silene	12-16
Bartonia	8	Dracaena	9	Matricaria	15	Smilax	12
Beans, Garden	22	Echinops	15	Meconopsis	2-15	Snapdragon	7
Beets	23	Edelweiss	15	Melon, Musk	27	Solanum	12
Begonia	8-19	Egg Plant	26	Melon, Water	28	Solidago	16
Bellis Perennis, Daisy	14	Endive	26	Mesembryanthemum	10	Soy Beans	35
Bignonia	19	Erigeron	15	Mignonette	10	Spinach	31
Bird Seed and Supplies	36	Erinus	15	Millet	35	Spraying Materials	41
Brachycome	8	Eryngium	15	Milo Maize	35	Sprayers	40
Broom Corn	35	Eschscholtzia	9	Mimosa	10	Squash	31
Broccoli	23	Euphorbia	9	Mimulus	10	Stachys	16
Browallia	8	Fernunzer	43	Mina	10	Statice	12-16
Brussels Sprouts	23	Feterita	35	Moon Flower	10	Stevia	12
Buckwheat	35	Flax	35	Morning Glory	10	Stocks	12
Cabbage	24	Flower Pots	39	Mushroom Spawn	28	Stokesia	16
Cacalia	8	Forget-Me-Not	15	Mustard	28	Sugar Beets	23
Caladium	17-19	Four o'Clock	9	Myosotis	15	Sun Flower	10-35
Calceolaria	8	Gaillardia	4-9-15	Nasturtium	11	Sweet Peas	12
Calendula	8	Garden Marker	39	Nemesia	11	Sweet Sultan	8
Calla Lily	19	Garden Tools	38	Nemophila	11	Sweet William	15
Calliopsis	8	Geranium	9	Nepeta	15	Swiss Chard	23
Campanula	14	Gerbera	15	Nicotiana	11	Thalictrum	16
Canary Bird Vine	8	Geum	15	Nigella	11	Thunbergia	12
Candytuft	8-14	Gilia	17	Oenothera	11	Timothy	34
Cane	35	Gladiolus	17	Okra	28	Tobacco	33
Canna	8-20	Globe Amaranth	9	Onion Plants and Sets	29	Tomato	32
Canteloupe	27	Gloxinia	9	Onions	29	Torenia	12
Canterbury Bells	14	Godetia	9	Orchard Grass	34	Tritoma	16
Cardinal Climber	10	Gourd	9	Pansy	11	Tunica	16
Carnation	8-14	Grafting Wax	39	Paper Pots	39	Tuberose	17
Carrot	25	Grass, Lawn	1	Parsley	28	Turnip	33
Castor Oil Bean	35	Grass Seeds	1-9-34	Parsnip	28	Valeriana	16
Catananche	14	Grevillea	10	Peanut	35	Verbascum	16
Cauliflower	25	Gypsophila	10-15	Peas	29	Verbena	5-13
Celeriac	25	Hedge Trimmer	37	Penstemon	15	Veronica	16
Celery	25	Helenium	15	Peony	19	Vetch	35
Celosia	8	Helianthemum	15	Pepper	30	Vinca	12
Centaurea	8-14	Helianthus	10	Perezia	16	Viola	5-16
Cerastium	14	Helichrysum	10	Petunia	11	Virginia Stocks	12
Ceresan	35-42	Heliotrope	10	Phlox	11-16	Viscaria	12
Cheiranthus	14	Helleborus	15	Physalis	16	Wall Flower	16
Chelone	14	Herbs	33	Physostegia	16	Weeders	38
Chervil	24	Hesperis	15	Pinks	11-16	White Clover	34
Chicory	24	Heuchera	15	Plant Bands, Stakes, Tubs	39	Whitlavia	13
Chinese Cabbage	24	Hibiscus	15	Plants (Annual)	13	Wild Cucumber	13
Chives	24			Platycodon	16	Wistaria	19
Chrysanthemum	9-14					Wood Labels	39
Cimicifuga	14					Xeranthemum	13
Cineraria	9-14					Zinnia	5-13



# Harnden's Spray Calendar

		PEST	WHAT TO USE
ANTIRRHENUM OR SNAPDRAGON		Rust Producing Fungus.	Dust with sulphur or spray with Bordeaux Mixture.
APPLE	First—When trees are dormant.	All forms of scale.	Dry Lime of Sulphur or Scalecide.
APPLE	Second—When huds form.	Scab, Canker-Worms, Curculeo, Moth.	Arsenate of Lead with Lime Sulphur
APPLE	Third—After most petals have fallen.	Codling Moth, Blotch, Fruit Worm, Apple Bug.	Arsenate Lead Powder.
APPLE	Fourth—About three weeks later if necessary.	Scab, Leaf Eating Insect, Late Moth.	Arsenate of Lead Powder and Lime of Sulphur.
APPLE	Fifth—About 4 weeks later.	Apple Aphis or Lice Wooly Aphis.	Black Leaf 40 and Soap.
ASTERS	Blight or Browns.	Destroy hadly infected plants.	Spray with Bordeaux.
ASTERS	Stem Borer.	Split stem and destroy worm.	
BEGONIA	Aphis or Thrip.	Spray with Black Leaf 40 or Thrip Juice.	
CALADIUM	Yellows.	Dust with Sulphur.	
CALENDULA	Leaf eating insects, Blight or Yellows.	Spray with any arsenical.	Grape Dust.
CARNATION	Blight.	Grape Dust or Bordeaux Mixture.	
CALLIOPSIS	Blight.	Spray with Bordeaux Mixture.	
CELOSIA	Leaf eating insects.	Spray with any arsenical.	
CENTAUREA	Blights.	Bordeaux Mixture.	
CHRYSANTHEMUM	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
COLEUS	Thrip.	Thrip Juice.	
COLUMBINE	Leaf tracer.	Destroy infected foliage.	Spray ground heavily with kerosene emulsion.
COREOPSIS	Leaf eating insects.	Any arsenical.	
CUCUMBER & MELON VINES	First—When disease or insects first appear.	Blight, Beetle.	Slug Shot or Bordeaux Mixture, Nico-Dust.
CURRENTS	First—Early in spring before huds open.	Aphis or Lice.	Black Leaf 40
CURRENTS	Second—When insects appear.	Current Worm.	Helehore.
CHERRY	First—When trees are dormant.	Scale Insects.	Dry Lime and Sulphur or Scalecide.
CHERRY	Second—After huds burst.	Curculeo, Leaf Spot.	Arsenate of Lead, Dry.
CHERRY	Third—While cherries are very small.	Brown Rot, Shot Hole Disease.	Bordeaux Mixture.
DAISY	Leaf eating insects.	Any arsenical.	
DAHLIA	Stem Borer.	Split stem and destroy worm.	
DAHLIA	Brown Rust.	Bordeaux Mixture.	
DELPHINIUM	Red Aphis.	Kerosene Emulsion or Derrisol.	
DELPHINIUM	Blight.	Bordeaux Mixture.	
EVERGREENS	Bag Worms, Red Spider, Yellows.	Any arsenical. Scalecide. Fish oil soap. Kerosene Emulsion. Volck.	Bordeaux Mixture.
FERNS	Thrip.	Thrip Juice.	
GRAPE	First—While dormant.	Scale.	Dry Lime and Sulphur or Scalecide.
GRAPE	Second—When shoots are 12 inches long.	Black Rot, Mildew.	Bordeaux Mixture. Grape Dust.
GRAPE	Third—After hlossoms have fallen and as needed.	Leaf Hopper and Fungus Diseases.	Black Leaf 40.
GRASSES	Brown Patch.	Semesan.	
HOLLYHOCK	Hollyhock Beetle.	Kerosene Emulsion or Derrisol.	
HONEYSUCKLE	Leaf Eating Insect.	Any arsenical.	
IRIS	Root Rot.	Cut away infected part and dust with Gypsum.	
IVY	Leaf Eating Insects.	Any arsenical.	
LILIES	Blights.	Destroy hadly infected plants.	Dust with Sulphur.
NASTURTIUM	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
PANSY	Grub Worms and Sow Bugs.	Baitem.	
PEAR	First—Early in spring.	Thrip, Flies.	Lime and Sulphur Dry or B. L. 40.
PEAR	Second—About June.	Tree Slug and Moth.	Arsenate of Lead, Powder.
PEACH	First—Late fall or spring while trees are dormant.	San Jose Scale, Leaf Curl.	Dry Lime Sulphur.
PEACH	Second—When huds open.	Black Aphis, Aphis.	Black Leaf 40.
PEACH	Third—About month before fruit ripens.	Brown Rot, Scab and Disease.	Bordeaux Mixture.
PENSTEMON	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
PHLOX	Rust.	Dust with Sulphur.	
PHLOX	Red Spider.	Dust with Sulphur. Wash plants with water.	
PLUM	First—While trees are dormant.	Scale, Black Rot, and Fungus.	Lime and Sulphur or Scalecide.
PLUM	Second—When husks are dropping.	Curculeo.	Arsenate of Lead, Powdered.
PLUM	Third—About 10 days later.	Brown Rot, Curculeo, Aphis.	Arsenate of Lead, Bordeaux Mixture or Black Leaf 40.
ROSES	Aphis.	Melrosine.	
ROSES	Rose Beetle.	Melrosine.	
ROSES	Lace Worm.	Melrosine.	
ROSES	Blights and Mildews.	Bordeaux Mixture, Massy Dust or Funtrogen.	
SALVIA	Brown Spot.	Dust with Sulphur.	
SEEDLING PLANTS	Damping off.	Semesan.	
SNOWBALLS	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
SPIREA	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
SWEET PEAS	Aphis.	Black Leaf 40 or Nico-Fume Liquid.	
TUBE ROSES	Rust.	Bordeaux Mixture.	
VERBENA	Leaf Tracer.	Destroy infected foliage, spray ground with Kerosene Emulsion.	
WISTERIA	Leaf Eating Caterpillar.	Any Arsenical.	
ZINNIA	Grass Hopper.	Dust with Slug Shot. Baitem or Snarol.	
ZINNIA	Brown Foliage.	Spray with Bordeaux Mixture. Keep water off foliage.	

